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TSCA (Toxic Substances Control Act) Status Report for Existing Chemicals

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Agency

Office of Pesticides
& Toxic Substances
Office of Toxics Integration
Washington DC 20460

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July 1981

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Toxic Substances

EPA

TSCA Status Report for Existing Chemicals

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The TSCA Status Report (TSR) for Existing Chemicals provides current information on the regulatory/assessment status of chemicals of interest to the Office of Toxic Substances under the Toxic Substances Control Act (TSCA).

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Status Report
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EPA 560/TIIS-81-004

TSCA STATUS REPORT

FOR EXISTING CHEMICALS

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July 1981

Introduction

The TSCA Status Report (TSR) is prepared jointly by the Office of Toxics Integration and the Office of Toxic Substances. We have found that the number of changes, which have occurred between issues, does not warrant bimonthly updates; therefore, we plan to update the TSR on a quarterly basis. However, anyone interested in a more current status may contact Patricia Grim (202-755-6180).

The report is divided into two sections. Section One lists all the existing chemicals of interest to OPTS (TSCA) and indicates the regulatory/assessment status of each. The chemicals are arranged alphabetically (with CAS number when available) and are displayed on a two dimensional array. Chemicals with CAS preferred names are sorted separately from those chemicals without a CAS preferred name. Section Two contains the same information but indexed by regulatory/assessment status, i.e., within each OPTS program. For example, the CHIPS listing is followed by the chemicals presently being considered under that effort.

Your comments or suggestions are welcome.

Walter W. Kovalick, Jr.

Walter W. Kovalick, Jr.
Director
Integration Staff

KEY TO TSCA STATUS REPORT FOR EXISTING CHEMICALS

CHIPS (Chemical Hazard Information Profile) - Chemicals identified as requiring more extensive review undergo a brief preliminary hazard evaluation (a CHIP), the first stage in the risk assessment process, to further assess the effects presented by a particular chemical. A CHIP includes information such as chemical production volume, use, fate, health and environmental effects, exposure, and other relevant information. CHIPS are based on readily available information and are completed within one to six months depending upon the amount of information used to prepare the CHIP. CHIPS are approximately 10-15 pages in length.

Materials Balance (Mass Balance) - A Mass Balance is a study of a particular chemical's production, use, and resulting release into the environment. Releases are described on national, regional, local, and site-specific levels. A draft of a Level I Mass Balance (the lowest level of study) is completed in five to eight weeks. Level II and III Mass Balances (increased levels of study and effort) take substantially longer to complete. A Level I Mass Balance is used for the preparation of a Phase I Risk Assessment.

PRL I (Priority Review Level I) - This "fast-track" review process focuses on a specific problem identified and defined in the CHIP and its preceding chemical screening (in which information is reviewed to determine the need for a CHIP). A PRL I is completed when a chemical meets established criteria for consideration as a possible priority problem. Any decision made at the completion of a PRL I regarding regulatory action is based solely on the degree of risk involved and the adequacy of available information to determine this risk.

Phase I - If, after the completion of a CHIP, there is sufficient evidence indicating a more in-depth look at a chemical is necessary, but the Priority Problem "fast-track" process is not required, a Phase I assessment (preliminary risk assessment) is conducted. Phase I assessments summarize available information on a specific chemical, identify problems and information needs that need to be considered in subsequent stages of the preliminary risk assessment and present conclusions. A Phase I assessment can take one year to complete.

Phase II (Decision Making Risk Assessment) - This phase is the final assessment stage and is designed to provide a technical risk assessment document in support of a regulatory decision-making package. The assessment is problem-specific and provides a detailed analysis of those chemical sources considered to be most serious in order to support a control action decision. A final Phase II assessment is expected to take at least two years for completion.

Section 4(e) - Based on sufficient available information, chemicals perceived to be potentially toxic have been recommended for testing by the ITC (Interagency Testing Committee) in their reports to the Administrator. Section 4(e) of TSCA requires testing of selected substances/mixtures.

Section 4(f) - Based upon receipt of any test data submitted under the Act or any other information, "which indicates to the Administrator that there may be a reasonable basis to conclude that a chemical substance or mixture presents or will present a significant risk of serious or widespread harm to human beings from cancer, gene mutations, or birth defects", EPA must within 180 days of receipt of such information (and a possible extension of an additional 90 days) "initiate appropriate action under Section 5, 6 or 7 (of TSCA) to prevent or reduce to a sufficient extent such risk or publish in the Federal Register a finding that such risk is not unreasonable."

Section 5 - Significant New Use Rule (SNUR) - During or after the PMN review process, the Administrator may determine, by rule, significant new uses for selected substances or categories of substances of concern. When making this determination, the Administrator shall consider the following factors: projected production volume; changes in exposure (type or form) due to this new use; increased magnitude and duration of exposure due to this new use; and the anticipated manner and methods in which this substance will be manufactured, processed, distributed in commerce, and disposed. This review provides the Office of Pesticides and Toxic Substances the opportunity to assess these chemicals for potential risks to human health or the environment. In particular, OPTS expects to issue SNURs to follow selected new chemicals.

Section 6(a) - Section 6(a) of TSCA requires regulation of hazardous chemical substances and mixtures if the Administrator finds there is a "reasonable basis to conclude that the manufacture processing, distribution in commerce, use, disposal or any combination of such activities presents an unreasonable risk of injury to health or the environment."

Section 6(d) - If the Administrator determines an unreasonable risk of serious or widespread injury to health or the environment is likely to occur before a rule undergoing the existing regulatory process can be completed, EPA can propose a rule under Section 6(d) of TSCA to be immediately effective (upon publication in the Federal Register) until a final action is taken. Entries only appear in the "completed" category.

Section 8(a) Level A - EPA will require manufacturers and processors to maintain records and submit reports on certain chemical substances. A list of 2,300 chemicals subject to this proposed rule was published in the Federal Register on February 29, 1980. More detailed (Level B and eventually Level C) rules requiring submission of information will be proposed in the future. Final rules should be published this summer.

Section 8(d) - Health and Safety studies with respect to chemical substances or mixtures will be required to be submitted to EPA. Proposed rules were published December 31, 1979. Final rules should be published this summer.

Section 8(e) - Section 8(e) requires that information which supports the conclusion that a substance presents a substantial risk to health or the environment must be reported to the EPA Administration.

Status

- Completed: Refers to a completed assessment or a final rule.
- Under Development: Refers to an assessment in progress or a proposed rule.
- In Queue: Refers to those chemicals or chemical classes next in line for assessment.
- Under Consideration: Refers to those chemicals or chemical classes under consideration for either assessment or rule development.

It should be noted that CAS numbers have five or more figures and include dashes (i.e., 50-00-0). The chemical names, beside these numbers, are CAS preferred. The other numbers (three figures or less) are assigned sequence numbers which were designated for sorting purposes only. The names associated with these chemicals are not CAS preferred.

PART I

CHEMICALS OF INTEREST

TO OPTS

ENVIRONMENTAL PROTECTION AGENCY

MAY 12, 1981

CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL T	PHASE I	PHASE II	SEC 4E	SEC 4F	SEC 5 SNUR	SEC 6A	SEC 6D	SEC8A LVL A	SEC 9D	SEC 8E
93	AP-1155 - Polyaromatic amines													*
70	Acetamidine,n-(2-isopropoxycarbonyl-1 -methylvinyl-methoxythiophosphorami)													*
3	Acrylic acid and 2-metnylacrylic acid and their esters											%	%	*
34	Adipate esters	X			#									*
108	Alcohol ethoxysulfate (ammonium salt)													*
107	Alcohol ethoxysulfate (sodium salt)													*
39	Alkyl epoxides						%					%	%	*
78	N-Alkyl glycidyl ethers (C2-C10)													*
32	Alkyl phthalates	X		#			%					%	%	*
151	Aluminum and compounds	X												*
10	Anilines		X				%						%	*
109	Arco LB-7979													*
165	Argus Q-328													*
125	Aromatic hydrocarbons													*
128	Arsenic/cadmium compounds (including mining and smelting compounds)													*
11	Aryl phosphates						%					%	%	*
138	Aryl phosphates													*
72	Benzene, 1,4-dibromo-2,5-dichloro-													*
5	Benzidine based dyes and congeners		%		X		%						%	*
79	Bis(tribromoneopentyl)pentaerythritol cyclic diphosphate MC 948													*
95	Brominated aromatic oils CN-110-109													*
155	Bromine and bromine compounds	X												*
102	Bromodichlorobenzene (neutral oils from hydrolysis)													*
20	Chlorinated benzenes (mono-, di-, tri-, tetra-, and penta-)		X				%						%	*
98	Chlorinated dioxin													*
126	Chlorinated hydrocarbons													*
22	Chlorinated naphthalenes						%					%	%	*
97	Chlorinated norbornene derivatives													*
23	Chlorinated paraffins						%						%	*
30	Chlorofluorocarbons				X	%								*
163	Chlorofluorocarbons (non-aersol uses)									%				*
149	Chlorophenols	X	X										%	*
134	Chromates													*
146	Coal derived fuel oil fractions (Experimental)													*
142	Cobalt metal salts													*

X = COMPLETED % = UNDER DEVELOPMENT + = UNDER CONSIDERATION # = IN QUEUE * = OTHER

CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL I	PHASE I	PHASE II	SEC 4E	SEC 4F	SEC 5 SNUR	SEC 6A	SEC 6D	SEC8A LVL A	SEC RD	SEC 8E
143	Copper metal salts													*
133	Copper smelting compounds													*
57	Cr-141													*
24	Cresols						%						%	*
150	Crude shale oils													*
162	Cutting fluids	X												*
2	Cyanuric acid and chlorinated derivatives	%												*
59	Decofuranuronic acid,6,9-diamino -1-(amino-9h-purin-9-yl)-1,5,6,7,8,9,-nex													*
51	1,4-Diazobicyclo 2.2.2. octane	X												*
129	Dibenzo-p-dioxin,polychlorinated													*
71	(Dichloro-triazino)amino-benzyl-sulfonate													*
179	Dicyclopentadiene													*
136	Diesel fuel													*
1	Dietnylchlorothiophosphate	X												*
111	Dimethylhydantoin - derived epoxy resin (developmental)													*
92	N-(2,4-Dinitro-6-(trifluoromethyl) phenyl)-n-methyl-2,4,6-tribromobenzen													*
36	Dioxins												%	*
62	Diphenylmethane diisocyanate													*
35	Ethanolamines	X			#									*
141	Ethoxylated C12-C15 alconols													*
105	Ethoxylated products													*
152	Ethylamines	X												*
55	Ethylene glycol, 2-hydroxypropyl-2(2-hydroxyethyl)													*
86	FC-70 Decomposition products													*
160	Fluorine compounds													*
183	Fluoro alkenes						%							*
114	Fuel oil													*
26	Glycidol and its derivatives						%					%	%	*
82	Gulf cut heavy duty soluble oil													*
27	Halogenated alkyl epoxides						%					%	%	*
158	Hexachlorocyclopentadiene and derivatives	X												*
120	Hexyn-3-ol													*
104	Home heating oil (no. 2)													*
87	Hydraulic fluid													*
123	Hydrocarbon solvents													*
60	Hydroxyacetaldehyde dimethyl acetal													*
113	Imidazolidin-2-one, 1-(5-t-butyl -1,3,4-thiadiazol-2-yl)-3-methyl-5(M-CHL													*

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CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL I	PHASE I	PHASE II	SEC 4E	SEC 4F	SEC 5 SNUR	SEC 6A	SEC 6D	SEC8A LVL A	SEC 8D	SEC 8E
118	Ink roller desensitizer													*
96	Isocyanate dimer of 5-t-butyl-1,3,4-thiadazol-2-yl													*
106	Jet fuel A													*
101	Kenplast G (mixed aromatic hydrocarbons)													*
58	Kermac 218A													*
170	Kronitex(R) 200													*
171	Kronitex(R) 200B													*
169	Kronitex(R)(100)													*
168	Kronitex(R)(50)													*
144	Lead metal salts													*
157	Lithium and lithium compounds	X												*
6	N-Methanesulfonyl-p-toluenesulfonamide								X					*
69	n(2-Methoxycarbonyl-1-methylvinyl-methoxy-thiophosphoryl)													*
99	S-Methyl-n-((alpha'-methyl-n methylcarbamyloxymethylene)oxy)thioacetami													*
153	Methylamines	X												*
117	Multilithe deglazing solvent													*
90	Naphthenic oil mixture													*
145	Nickel metal salts													*
74	Nitroaniline, 2-n(2,2,3,3tetrafluoropropyl-1-amide)-4-trifluoromethyl-													*
156	N-Nitroso compounds	X												*
121	Octan-2-one, 5-methyl-													*
68	Octanoylimidazolidin-2-one, 1-(5-t-butyl-1,3,4-thiadiazol-2-yl) -3-methyl													*
159	Organic paint solvents									+				*
148	Organic solvents													*
175	Organotin Compounds						%						%	*
83	Pcl bottoms & nex pcl bottoms													*
89	Pentabromophenyl-2,3-dibromocarbonate													*
85	Perfluoroimine													*
100	Petroleum crude fractions													*
122	Petroleum crude fractions, high boiling													*
127	Petroleum distillates													*
61	Phenol formaldehyde resin													*
154	Phenylene di/triamines	X												*
161	Phenylenediamines						%							*
33	Phosphates				X									*
140	Phosphonium acid compounds													*
124	Phosphonium salts													*

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CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL I	PHASE I	PHASE II	SEC 4E	SEC 4F	SEC 5 SNUR	SEC 6A	SEC 6D	SEC8A LVL A	SEC 8D	SEC 8E
64	Phosphoric acid, 2,2-bis(bromomethyl) -3-hydroxy-1-propyl													*
178	Photocopying toner													*
116	Piperazine, 2-Hydroxyethyl													*
112	Polyalkoxylated polyamine													*
131	Polybrominated biphenyls													*
176	Polychlorinated dibenzofurans												%	*
29	Polychlorinated terphenyls						%					%	%	*
94	Polydibromophenylene oxide MC 935A													*
73	Polyetnylated benzene tails													*
164	Polyquard													*
177	Polyquart H													*
31	Polynuclear aromatic hydrocarbons				*									*
137	Polystyrene waste streams													*
91	Polyvel M-106 polymer													*
67	Polyvel g-100													*
182	Potassium salt of perfluoroalkyl sulfonates													*
53	1,3-Propanediamine,N,N-dimethyl	%												*
110	Provalent 4A													*
76	Solvent refined coal (SRC) - filter feed													*
84	Stanax (R) 1166													*
115	Sun-cor flexographic 74 red ink													*
88	Tetrabromo diallyl carbonate													*
80	Tetrabromophthalate, 1-propanol monoester													*
167	Thiodipropionate ester complex													*
66	Thiophosphoramidate, dimethyl-n-tetrahydropyronyl													*
63	Thiophosphoramide-n,n-dimethylformamidine, n-2-methoxycarbonyl-1-methylvi													*
65	Thiophosphoryl-n',n'-dimethylformamidine, 0-methyl-0-trans-(2-methoxycarb													*
181	Thorium dioxide													*
166	Tri(mixed mono and dinonylphenyl) phosphate													*
119	1,1,1,-Trifluoro-2-chloro													*
180	Trimethyl phosphite	X												*
75	Urea, 1-(3,4-dichlorophenyl)-1-carbamyl methoxy-3-methyl-													*
181	Thorium dioxide													*
103	Varsol 40													*
135	Vel-5026 intermediates													*
77	Wellaid pg-100													*
75-07-0	Acetaldehyde	X												*

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ENVIRONMENTAL PROTECTION AGENCY — MAY 12, 1981

CASNO	PREFERRED NAME	CHIPS	WATER BALAN	PRL I	PHASE I	PHASE II	SEC 4E	SEC 4F	SEC 5 SNUR	SEC 6A	SEC 6D	SEC8A LVL A	SEC 8D	SEC 8E
108-05-4	Acetic acid ethenyl ester													*
79-11-8	Acetic acid, chloro-													*
79-20-9	Acetic acid, methyl ester													*
127-09-3	Acetic acid, sodium salt													*
75-05-8	Acetonitrile	X					%					%	%	*
60928-15-6	4-(Acetyloxy)-3-(5-(1,1 -dimethylethyl)1,3,4-thiadiazol -2-yl)-1-methyl-2-imidazolidinone													*
33791-58-1	Acrylic acid, 3A,4,5,6,7,7a-hexahydro-4,7-methanoindenyl ester											%		*
68002-97-1	Alcohol ethoxylate													*
67762-41-8	Alcohols C9-C15													*
67762-19-0	-Ammonium salt													*
3179-90-6	9,10-Anthracenedione, 1,4-dihydroxy-5,8-bis[(2-hydroxyethyl)amino]-													*
117-79-3	9,10-Anthracenedione, 2-amino-	X		#										*
7440-36-0	Antimony						%					%	%	*
1309-64-4	Antimony oxide	%					%					%	%	*
1345-04-6	Antimony sulfide						%					%	%	*
68187-58-6	Aromatic petroleum pitch													*
7440-38-2	Arsenic		X		#									*
1332-21-4	Asbestos				X	%				+			%	*
62-53-3	Benzenamine	X												*
92-49-9	Benzenamine, N-(2-chloroethyl)-N-ethyl-											%		*
22564-43-8	Benzenamine, N-(2-chloroethyl)-N-ethyl-3-methyl-													*
61791-97-7	Benzenamine, N-(2-methyl-2-nitrobutyl)-4-nitroso- (9CI)													*
86-30-6	Benzenamine, N-nitroso-N-phenyl-	X										%		*
26903-94-6	Benzenamine, N,N-diethyl-4-(1H-1,2,4-triazol-3-ylazo)-													*
120-71-8	Benzenamine, 2-methoxy-5-methyl-											%		*
99-59-2	Benzenamine, 2-methoxy-5-nitro-	X		#								%		*
99-55-8	Benzenamine, 2-methyl-5-nitro-	X										%		*
101-14-4	Benzenamine, 4,4'-methylenebis(2-chloro-	X										%		*
101-77-9	Benzenamine, 4,4'-methylenebis-						%					%	%	*
101-80-4	Benzenamine, 4,4'-oxybis-	%										%		*
2465-27-2	Benzenamine,4,4'-carbonimidoylbis[N,N-dimethyl-, mononydrochloride	%										%		*
71-43-2	Benzene		X	X									%	*
100-44-7	Benzene, (chloromethyl)-	X	X		%							%	%	*
98-87-3	Benzene, (dichloromethyl)-											%		*
620-05-3	Benzene, (iodomethyl)-													*

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ENVIRONMENTAL PROTECTION AGENCY — MAY 12, 1981

CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PPL I	PHASE I	PHASE II	SEC 4E	SEC 4F	SEC 5 SNUR	SEC 6A	SEC 6D	SEC8A LVL A	SEC 8D	SEC 8E
98-07-7	Benzene, (trichloromethyl)-											%		*
98-83-9	Benzene, (1-methyletnenyl)-											%		*
108-90-7	Benzene, chloro-											%		*
100-42-5	Benzene, ethenyl-											%		*
100-41-4	Benzene, ethyl-											%	%	*
118-74-1	Benzene, hexachloro-				X							%	%	*
103-71-9	Benzene, isocyanato-											%		*
108-88-3	Benzene, methyl- (9CI)	X					%					%	%	*
98-95-3	Benzene, nitro-	X					%					%	%	*
97-00-7	Benzene, 1-chloro-2,4-dinitro-	%										%		*
5216-25-1	Benzene, 1-chloro-4-(trichloromethyl)-											%		*
121-14-2	Benzene, 1-methyl-2,4-dinitro-	X										%		*
37853-59-1	Benzene, 1,1'-[1,2-ethanediylbis(oxy)]bis[2,4,6-tribromo-											%		*
101-84-8	Benzene, 1,1'-oxybis-													*
95-47-6	Benzene, 1,2-dimethyl- (9CI)						%					%	%	*
108-38-3	Benzene, 1,3-dimethyl-						%					%	%	*
106-42-3	Benzene, 1,4-dimethyl-						%					%	%	*
118-96-7	Benzene, 2-methyl-1,3,5-trinitro-	X										%		*
614-45-9	Benzenecarboperoxoic acid, 1,1-dimethylethyl ester	%										%		*
106-50-3	1,4-Benzenediamine											%	%	*
95-80-7	1,3-Benzenediamine, 4-methyl-	X	X	*										*
117-81-7	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester			X				+		+		%		*
85-68-7	1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester						%					%		*
85-70-1	1,2-Benzenedicarboxylic acid, 2-butoxy-2-oxoethyl butyl ester						%					%		*
123-31-9	1,4-Benzenediol						%					%	%	*
2650-18-2	Benzenemethanaminium, N-ethyl-N-[4-[[4-[ethyl[(3-sulfophenyl)methyl]amin olphenyl](2-sulfophenyl)methylene]-2,5dien-1-ylide ne]-3-sulfo-, hydroxide, inner salt, dsalt	%										%		*
1563-66-2	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate													*
65-85-0	Benzoic acid													*
2905-65-9	Benzoic acid, 3-chloro-, methyl ester											%		*
98-73-7	Benzoic acid, 4-(1,1-dimethylethyl)-											%		*
98-88-4	Benzoyl chloride											%		*
3389-71-7	Bicyclo[2.2.1]hepta-2,5-diene, 1,2,3,4,7,7-hexachloro-											%		*
92-52-4	1,1'-Biphenyl	%										%		*

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CASNO	PREFERRED NAME	CHIPS	WATER BALAN	PRL I	PHASE I	PHASE II	SEC 4E	SEC 4F	SEC 5 SNUR	SEC 6A	SEC 6D	SEC8A LVL 4	SEC 8D	SEC 8E
1336-36-3	1,1'-Biphenyl, chlorinated									%				*
13292-87-0	Borane,compd. with thiobis[methane](1:1)													*
17157-48-1	Bromo-acetaldehyde													*
106-99-0	1,3-Butadiene											%		*
87-68-3	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-						%					%	%	*
126-99-8	1,3-Butadiene, 2-chloro-											%	%	*
78-78-4	Butane, 2-methyl-													*
95-08-9	Butanoic acid, 2-ethyl-, 1,2-ethanediylbis(oxy-2,1-ethanediyl) ester (9CI)											%		*
78-93-3	2-Butanone						%					%	%	*
1338-23-4	2-Butanone, peroxide,	X										%		*
928-04-1	2-Butynedioic acid, monopotassium salt													*
7440-43-9	Cadmium		X		X									*
51-79-6	Carbamic acid, ethyl ester	X										%		*
132-32-1	9H-Carbazol-3-amine, 9-ethyl-	X										%		*
1484-13-5	9H-Carbazole, 9-ethenyl-													*
1333-86-4	Carbon black	X										%		*
75-44-5	Carbonic dichloride	X												*
7782-50-5	Chlorine													*
25563-14-8	4-Chloro-N-methoxy-benzamide													*
7789-12-0	Chromic acid (H2Cr2O7), disodium salt, dihydrate (9CI)													*
7775-11-3	Chromic acid, disodium salt													*
7789-06-2	Chromic acid, strontium salt (1:1)											%		*
7440-47-3	Chromium				X									*
1333-82-0	Chromium oxide											%		*
64741-62-4	Clarified oils (petroleum), catalytic cracked													*
25637-99-4	Cyclododecane, hexabromo-											%		*
106-51-4	2,5-Cyclohexadiene-1,4-dione						%					%	%	*
108-91-8	Cyclohexanamine	X			#									*
108-87-2	Cyclohexane, methyl-	X										%		*
108-94-1	Cyclohexanone						%					%	%	*
78-59-1	2-Cyclohexen-1-one, 3,5,5-trimethyl-						%					%	%	*
100-40-3	Cyclohexene, 4-ethenyl-	X										%		*
542-92-7	1,3-Cyclopentadiene											%		*
25329-35-5	1,3-Cyclopentadiene, 1,2,3,4,5-pentachloro- (8CI9CI)													*
77-47-4	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-	X					%					%	%	*
706-78-5	Cyclopentene, octachloro- (8CI9CI)													*
1746-01-6	Dibenzo[b,e][1,4]dioxin, 2,3,7,8-tetrachloro- (9CI)										X			*
33857-26-0	Dibenzo[b,e][1,4]dioxin, 2,7-dichloro- (9CI)													*

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ENVIRONMENTAL PROTECTION AGENCY

MAY 12, 1981

CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL I	PHASE I	PHASE II	SEC 4E	SEC 4F	SEC 5 SNUR	SEC 6A	SEC 6D	SEC8A LVL A	SEC 8D	SEC 8E *
56910-74-8	4-(3,4-Dichlorophenyl)-2-methyl -1,2,4-triazolidin-3-one													*
51461-71-3	N-(2,2-Dimethoxyethyl)-N'-(5 -(1,1-dimethylethyl)-1,3,4-thiadiazol -2-yl)-N-methyl-urea	X												*
534-13-4	Dimethyl thiourea													*
6369-65-9	Dinaphtho[1,2,3-cd:3',2',1'-lm]perylene-5,10-dione , 3,12-dinitro-	X										%		*
828-00-2	1,3-Dioxan-4-ol, 2,6-dimethyl-, acetate	X			%							%		*
123-91-1	1,4-Dioxane													*
68410-09-3	Distillates (coal), solvent-refining (SRC), wash													*
64742-46-7	Distillates (petroleum), hydrotreated middle													*
64741-59-9	Distillates (petroleum), light catalytic cracked													*
64741-44-2	Distillates (petroleum), straight-run middle											%		*
624-92-0	Disulfide, dimethyl													*
1643-20-5	1-Dodecanamine, N,N-dimethyl-, N-oxide											%		*
3033-62-3	Ethanamine, 2,2'-oxybis[N,N-dimethyl-													*
122-07-6	Ethanamine, 2,2-dimethoxy-N-methyl-	X												*
74-96-4	Ethane, bromo-	X												*
75-00-3	Ethane, chloro-	X	%		*									*
67-72-1	Ethane, hexachloro-	%										%	%	*
60-29-7	Ethane, 1,1'-oxybis-											%	%	*
75-34-3	Ethane, 1,1-dichloro-		X				%					%		*
71-55-6	Ethane, 1,1,1-trichloro-	X			%							%		*
79-00-5	Ethane, 1,1,2-trichloro-													*
79-27-6	Ethane, 1,1,2,2-tetrabromo-	X			*									*
79-34-5	Ethane, 1,1,2,2-tetrachloro-	X		*										*
106-93-4	Ethane, 1,2-dibromo-	X	X	*						+				*
107-06-2	Ethane, 1,2-dichloro-									+				*
7252-83-7	Ethane, 2-bromo-1,1-dimethoxy-													*
532-27-4	Ethane, 2-chloro-1-phenyl	X										%		*
107-15-3	1,2-Ethanediamine													*
107-07-3	Ethanol, 2-chloro-	%										%	%	*
111-46-6	Ethanol, 2,2'-oxybis-	X												*
102-71-6	Ethanol, 2,2',2''-nitrilotris-											%		*
69109-57-9	Ethanone, 2,2-bis(1-methylpropoxy)-1-phenyl-	X	%		%									*
593-60-2	Ethene, bromo-	X											%	*
75-01-4	Ethene, chloro-	X												*
75-02-5	Ethene, fluoro-		X		%									*
127-18-4	Ethene, tetrachloro-		X		%									*
79-01-6	Ethene, trichloro-	X												
593-92-0	Ethene, 1,1-dibromo- (9CI)													

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ENVIRONMENTAL PROTECTION AGENCY

MAY 12, 1981

CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL I	PHASE I	PHASE II	SEC 4E	SEC 4F	SEC 5 SNUR	SEC 6A	SEC 6D	SEC8A LVL A	SEC 8D	SEC 8E
75-35-4	Ethene, 1,1-dichloro-				%							%		*
75-38-7	Ethene, 1,1-difluoro-	X										%	%	*
156-60-5	Ethene, 1,2-dichloro-, (E)-													*
11114-18-4	FM 100													*
129-79-3	9H-Fluoren-9-one, 2,4,7-trinitro-	%												*
50-00-0	Formaldehyde	X	X		%			+		+		%		*
68-12-2	Formamide, N,N-dimethyl-	X												*
68476-30-2	Fuel oil, no. 2											%		*
109-99-9	Furan, tetrahydro-	X												*
108-31-6	2,5-Furandione	X										%		*
96-48-0	2(3H)-Furanone, dihydro-	%										%		*
6058-23-7	2,3,4,5,7,7-Hexachloro-1-a ,1b,5,5a,6a-hexahydro-2,5 -methano-2H-indeno(1,2-b)oxirene													*
110-54-3	Hexane	X												*
124-09-4	1,6-Hexanediamine	X										%		*
4835-11-4	1,6-Hexanediamine, N,N'-dibutyl-											%		*
7647-01-0	Hydrochloric acid											%		*
7783-06-4	Hydrogen sulfide													*
80-15-9	Hydroperoxide, 1-methyl-1-phenylethyl	%												*
75-91-2	Hydroperoxide, 1,1-dimethylethyl	%										%		*
552-30-7	5-Isobenzofurancarboxylic acid, 1,3-dihydro-1,3-dioxo-	X										%		*
632-79-1	1,3-Isobenzofurandione, 4,5,6,7-tetrabromo-											%		*
2698-41-1	Malonitrile, o-chlorobenzylidene											%		*
12108-13-3	Manganese, tricarbonyl[(1,2,3,4,5-.eta.)-1-methyl-2,4-cyclope ntadien-1 -yl]- (9CI)									+				*
7439-97-6	Mercury				%									*
21908-53-2	Mercury oxide													*
141-79-7	Mesityloxide													*
23307-05-3	Methanamine, N-methyl-, sulfate (1:1)												%	*
62-75-9	Methanamine, N-methyl-N-nitroso-											%		*
548-62-9	Methanaminium, N-[4-[bis[4-(dimethylamino)phenyl]methylene]-2,5-c yclohexadien-1-ylidene]-N-methyl-, chloride	%										%		*
74-87-3	Methane, chloro-	X												
75-45-6	Methane, chlorodifluoro-	X										%	%	*
75-09-2	Methane, dichloro-	X											%	*
74-88-4	Methane, iodo-						%					%	%	*
542-88-1	Methane, oxybis[chloro-											%	%	*
56-23-5	Methane, tetrachloro-	X	%		#									*

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ENVIRONMENTAL PROTECTION AGENCY — MAY 12, 1981

CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL I	PHASE I	PHASE II	SEC 4E	SEC 4F	SEC 5 SNUR	SEC 6A	SEC 6D	SECBA LVL A	SEC 9D	SEC 8E
67-66-3	Methane, trichloro-		X		%									*
74-93-1	Methanethiol													*
133-21-1	4,7-Methano-1H-inden-5-ol, 3a,4,5,6,7,7a-hexahydro-													*
77-73-6	4,7-Methano-1H-indene, 3a,4,7,7a-tetrahydro-	%										%		*
828-66-0	4,7-Methanoisobenzofuran-1,3-dione, 3a,4,7,7a-tetrahydro-8-methyl- (9C I)													*
115-27-5	4,7-Methanoisobenzofuran-1,3-dione, 4,5,6,7,8,8-hexachloro-3a,4,7,7a-tetrahydro-											%	%	*
67-56-1	Methanol	X												*
58496-98-3	(1-Methylethylidene)bis(2,6-dibromo-o-4,1-phenylene) bis (2,3-dibromopropyl) ester carbonic acid													*
110-91-8	Morpholine	X										%	%	*
102-77-2	Morpholine, 4-(2-benzothiazolylthio)-											%		*
13752-51-7	Morpholine, 4-[(4-morpholinylthio)thioxomethyl]-													*
68476-79-9	Naphtha (coal), solvent-refining													*
64741-66-8	Naphtha (petroleum), light alkylate													*
1937-37-7	2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(-, disodium salt											%		*
61789-51-3	Naphthenic acids, cobalt salts	%												*
64741-54-4	Naptha (petroleum), heavy catalytic cracked													*
93-00-5	2-Napthalenesulfonic acid, 6-amino-	%												*
8006-14-2	Natural gas													*
64741-48-6	Natural gas (petroleum), raw liq. mix													*
7440-02-0	Nickel													*
2442-57-7	No name yet identified for CSR													*
17356-39-2	No name yet identified for CSR													*
12824-93-1	No name yet identified for CSR													*
75-21-8	Oxirane	X										%		*
2426-08-6	Oxirane, (butoxymethyl)-											%		*
106-89-8	Oxirane, (chloromethyl)-											%		*
930-37-0	Oxirane, (methoxymethyl)-											%		*
122-60-1	Oxirane, (phenoxymethyl)-	X		*								%		*
3083-25-8	Oxirane, (2,2,2-trichloroethyl)-	X										%		*
7665-72-7	Oxirane, [(1,1-dimethylethoxy)methyl]-													*
96-09-3	Oxirane, phenyl-	X										%	%	*
59261-06-2	1,1'-Oxybis(2,3-dibromo-propane													*
87-86-5	Pentachlorophenol												%	*
26842-43-3	Pentanenitrile, 2-amino-2,4-dimethyl-													*

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ENVIRONMENTAL PROTECTION AGENCY — MAY 12, 1981

CASNO	PREFERRED NAME	CHIPS	WATER BALAN	PPL I	PHASE I	PHASE II	SEC 4E	SEC 4F	SEC 5 SNUR	SEC 6A	SEC 6D	SEC8A LVL A	SEC 8D	SEC 8E
141-59-3	2-Pentanethiol, 2,4,4-trimethyl-													*
2215-35-2	2-Pentanol, 4-methyl-, hydrogen phosphorodithioate, zinc salt													*
107-87-9	2-Pentanone	X										%		*
108-10-1	2-Pentanone, 4-methyl-						%					%	%	*
141-79-7	3-Penten-2-one, 4-methyl-						%							*
1691-99-2	N-ethyl Perfluorooctylsulfonamido ethanol													*
25155-23-1	Phenol, dimethyl-, phosphate (3:1)											%		*
68937-40-6	Phenol, isobutylenated, phosphate (3:1)													*
68937-41-7	Phenol, isopropylated, phosphate (3:1)											%		*
51-28-5	Phenol, 2,4-dinitro-	%												*
95-95-4	Phenol, 2,4,5-trichloro-											%	%	*
118-79-6	Phenol, 2,4,6-tribromo-	X										%		*
150-76-5	Phenol, 4-methoxy-													*
25068-38-6	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane											%		*
79-94-7	Phenol, 4,4'-(1-methylethylidene)bis[2,6-dibromo-											%		*
603-35-0	Phosphine, triphenyl-											%		*
868-85-9	Phosphonic acid, dimethylester													*
1832-07-1	Phosphonitrile chloride													*
35835-94-0	Phosphonium, ethyltriphenyl-, acetate			*										*
4736-60-1	Phosphonium, ethyltriphenyl-, iodide			*										*
17786-43-5	Phosphonium, tetrabutyl-, acetate, monoacetate													*
55566-30-8	Phosphonium, tetrakis(hydroxymethyl)-, sulfate (2:1) (salt)											%		*
1100-88-5	Phosphonium, triphenyl(phenylmethyl)-, chloride													*
10310-38-0	Phosphonium,1,2-ethanediylbis[tris-O-(phenylmethyl													*
21609-90-5	Phosphonothioic acid, phenyl-, O-(4-bromo-2,5-dichlorophenyl) O-methyl ester (8CI9CI)													*
115-86-6	Phosphoric acid, triphenyl ester											%		*
1330-78-5	Phosphoric acid, tris(methylphenyl) ester											%		*
66108-37-0	Phosphoric acid, 2,2-bis(bromomethyl)-3-chloropropyl bis[2-chloro-1-(chloromethyl)ethyl] ester								%			%		*
680-31-9	Phosphoric triamide, hexamethyl-	X										%		*
24934-91-6	Phosphorodithioic acid, S-(chloromethyl) O,O-diethyl ester (8CI9CI)													*
121-45-9	Phosphorous acid, trimethyl ester	%										%		*
10025-87-3	Phosphoryl chloride													*
103-76-4	1-Piperazineethanol													*
1932-04-3	Piperidine, 1,1'-(1,2-ethanediyl)bis-													*

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CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL T	PHASE I	PHASE II	SEC 4E	SEC 4F	SEC 5 SNUR	SEC 6A	SEC 6D	SEC8A LVL A	SEC 8D	SEC 8E
78-00-2	Plumbane, tetraethyl-													*
75-74-1	Plumbane, tetramethyl-													*
4261-68-1	2-Propanamine, N-(2-chloroethyl)-N-(1-methylethyl)-, hydrochloride													*
4584-49-0	1-Propanamine, 2-chloro-N,N-dimethyl-, hydrochloride													*
96-12-8	Propane, 1,2-dibromo-3-chloro-											%		*
78-87-5	Propane, 1,2-dichloro-						%					%	%	*
142-28-9	Propane, 1,3-dichloro-	%										%		*
75-29-6	Propane, 2-chloro-											%		*
75-28-5	Propane, 2-methyl-													*
79-46-9	Propane, 2-nitro-	X	%	*								%	%	*
57-55-6	1,2-Propanediol											%		*
4196-86-5	1,3-Propanediol, 2,2-bis[(benzoyloxy)methyl]-, dibenzoate													*
1738-25-6	Propanenitrile, 3-(dimethylamino)-											%		*
67-63-0	2-Propanol	X												*
20109-39-1	1-Propanol, 2-[2-(benzoyloxy)propoxy]-, benzoate											%		*
96-13-9	1-Propanol, 2,3-dibromo-											%		*
126-72-7	1-Propanol, 2,3-dibromo-, phosphate (3:1)				X							%		*
684-16-2	2-Propanone, 1,1,1,3,3,3-hexafluoro-	X												*
107-02-8	2-Propenal	X												*
79-06-1	2-Propenamide				%		%					%	%	*
382-21-8	1-Propene, 1,1,3,3,3-pentafluoro-2-(trifluoromethyl)- (9CI)													*
107-05-1	1-Propene, 3-chloro-	X										%		*
107-13-1	2-Propenenitrile												%	*
79-10-7	2-Propenoic acid	%												*
140-88-5	2-Propenoic acid, ethyl ester	X										%		*
9003-04-7	2-Propenoic acid, homopolymer, sodium salt													*
106-90-1	2-Propenoic acid, oxiranylmethyl ester											%		*
103-11-7	2-Propenoic acid, 2-ethylhexyl ester	X										%		*
106-91-2	2-Propenoic acid, 2-methyl-, oxiranylmethyl ester											%		*
2223-82-7	2-Propenoic acid, 2,2-dimethyl-1,3-propanediyl ester	X										%		*
110-86-1	Pyridine						%					%	%	*
14808-60-7	Quartz	X												*
68410-72-0	Residues (coal), solvent-refining (SRC), filtration													*
26628-22-8	Sodium azide	X												*
7647-15-6	Sodium bromide													*

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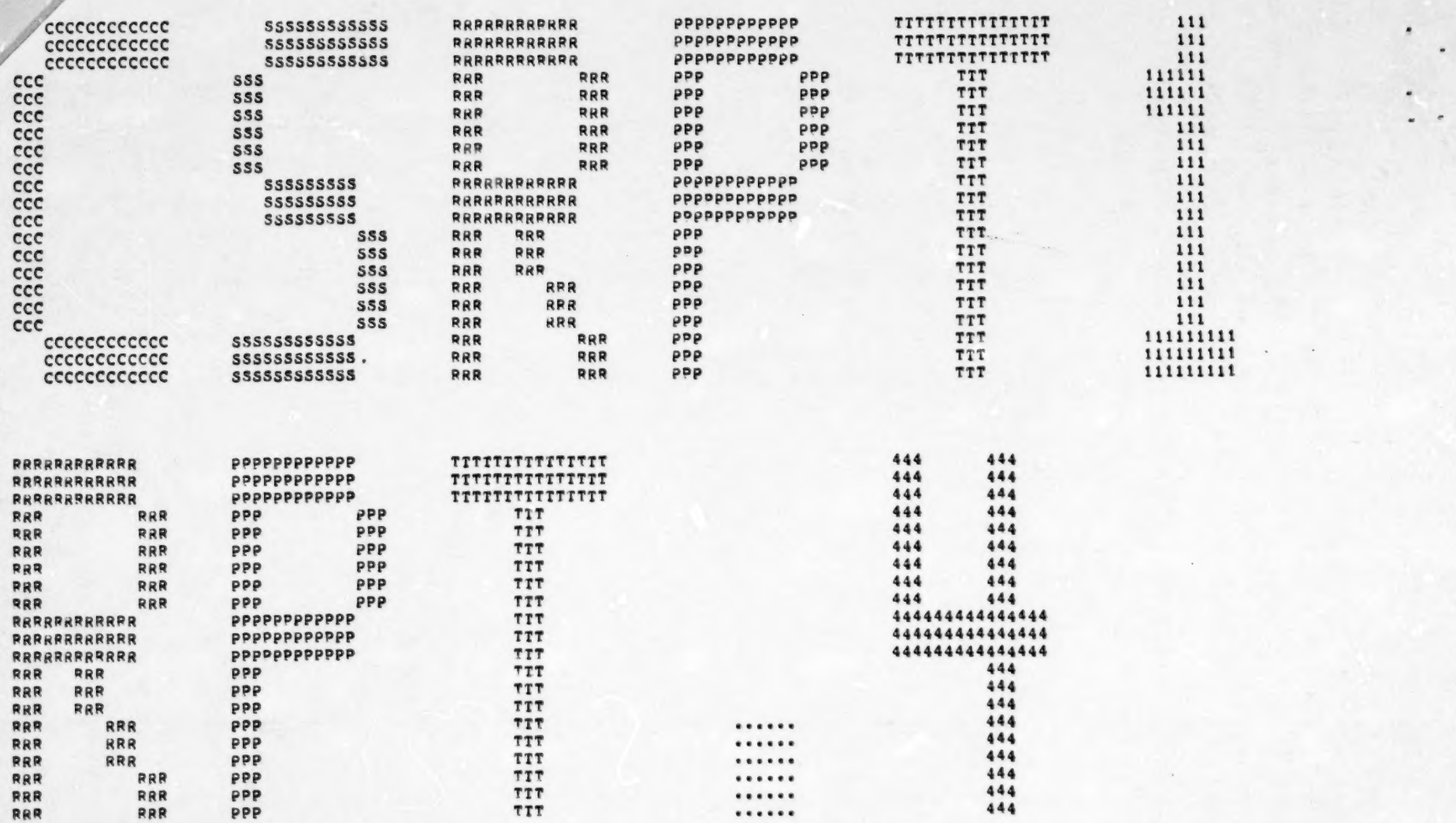
68585-34-2	-Sodium salt													*
10025-67-9	Sulfur chloride	X										*		*
2551-62-4	Sulfur fluoride, (OC-6-11)-													*
7783-20-2	Sulfuric acid diammonium salt													*
10043-01-3	Sulfuric acid, aluminum salt (3:2)													*
2973-10-6	Sulfuric acid, bis(1-methylethyl) ester (9CI)													*
7778-18-9	Sulfuric acid, calcium salt (1:1)													*
625-22-9	Sulfuric acid, dibutyl ester (8CI9CI)											*		*
64-67-5	Sulfuric acid, diethyl ester											*		*
77-78-1	Sulfuric acid, dimethyl ester	X												*
13494-80-9	Tellurium	X												
101-25-7	1,3,5,7-Tetraazabicyclo[3.3.1]nonane, 3,7-dinitroso-													*
7177-48-2	4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[(aminophenylac etyl)amino]-3,3-dimethyl-7-oxo-, trihyd[2.alpha.,5.alph a.,6.beta.(S*)]]- (9CI)													*
62-56-6	Thiourea	X												*
1314-20-1	Thorium dioxide	X												*
7440-32-6	Titanium	*												*
638-16-4	1,3,5-Triazine-2,4,6(1H,3H,5H)-trithione													*
58573-43-6	Tribromo-sodium salt phenol													*
11089-65-9	Tunicamycin (9CI)													*
1318-00-9	Vermiculite	X		X										*
63428-83-1	Zytel nylon resin													



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File EPA1:<CSR>CSRPT1.PPT.4, created: 12-May-81 11:45:43, printed: 12-May-81 12:03:49
Job parameters: Request created:12-May-81 12:01:48 Page limit:252 Forms:RTP Account:750
File parameters: Copy: 2 of 2 Spacing:SINGLE File format:ASCII Print mode:ASCII

ENVIRONMENTAL PROTECTION AGENCY — MAY 12, 1981

CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL I	PHASE I	PHASE II	SEC 4E	SEC 4F	SEC 5 SNUR	SEC 6A	SEC 6D	SEC8A LVL A	SEC 8D	SEC 8E
93	AP-1155 - Polyaromatic amines													*
70	Acetamidine,n-(2-isopropoxycarbonyl-1-methylvinyl-methoxythiophosphorami)													*
3	Acrylic acid and 2-methylacrylic acid and their esters											%	%	*
34	Adipate esters	X			#									*
108	Alcohol ethoxysulfate (ammonium salt)													*
107	Alcohol ethoxysulfate (sodium salt)													*
39	Alkyl epoxides						%					%	%	*
78	N-Alkyl glycidyl ethers (C2-C10)													*
32	Alkyl phthalates	X		+			%					%	%	*
151	Aluminum and compounds	X												*
10	Anilines		X				%						%	*
109	Arco LB-7979													*
165	Argus Q-328													*
125	Aromatic hydrocarbons													*
128	Arsenic/cadmium compounds (including mining and smelting compounds)													*
11	Aryl phosphates						%					%	%	*
138	Aryl phosphates													*
72	Benzene, 1,4-dibromo-2,5-dichloro-													*
5	Benzidine based dyes and congeners		%		X		%						%	*
79	Bis(tribromoneopentyl)pentaerythritol cyclic diphosphate MC 948													*
95	Brominated aromatic oils CN-110-109													*
155	Bromine and bromine compounds	X												*
102	Bromodichlorobenzene (neutral oils from hydrolysis)													*
20	Chlorinated benzenes (mono-, di-, tri-, tetra-, and penta-)		X				%						%	*
98	Chlorinated dioxin													*
126	Chlorinated hydrocarbons													*
22	Chlorinated naphthalenes						%					%	%	*
97	Chlorinated norbornene derivatives													*
23	Chlorinated paraffins						%						%	*
30	Chlorofluorocarbons				X	%								*
163	Chlorofluorocarbons (non-aersol uses)									%				*
149	Chlorophenols	X	X										%	*
134	Chromates													*
146	Coal derived fuel oil fractions (Experimental)													*
142	Cobalt metal salts													*

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CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL I	PHASE I	PHASE II	SEC 4E	SEC 4F	SEC 5 SNUR	SEC 6A	SEC 6D	SECBA LVL A	SEC 8D	SEC 8E
143	Copper metal salts													*
133	Copper smelting compounds													*
57	Cr-141													*
24	Cresols						%						%	*
150	Crude shale oils													*
162	Cutting fluids	X												*
2	Cyanuric acid and chlorinated derivatives	%												*
59	Decofuranuronic acid,6,9-diamino -1-(amino-9h-purin-9-yl)-1,5,6,7,8,9,-nex													*
51	1,4-Diazobicyclo 2.2.2. octane	X												*
129	Dibenzo-p-dioxin,polychlorinated													*
71	(Dichloro-triazino)amino-benzyl-sulfonate													*
179	Dicyclopentadiene													*
136	Diesel fuel													*
1	Diethylchlorothiophosphate	X												*
111	Dimethylhydantoin - derived epoxy resin (developmental)													*
92	N-(2,4-Dinitro-6-(trifluoromethyl) phenyl)-n-methyl-2,4,6-tribromobenzen													*
36	Dioxins												%	*
62	Diphenylmethane diisocyanate													*
35	Ethanolamines	X			#									*
141	Ethoxylated C12-C15 alconols													*
105	Ethoxylated products													*
152	Ethylamines	X												*
55	Ethylene glycol, 2-hydroxypropyl-2(2-hydroxyethyl)													*
86	FC-70 Decomposition products													*
160	Fluorine compounds													*
163	Fluoro alkenes						%							*
114	Fuel oil													*
26	Glycidol and its derivatives						%					%	%	*
82	Gulf cut heavy duty soluble oil													*
27	Halogenated alkyl epoxides						%					%	%	*
158	Hexachlorocyclopentadiene and derivatives	X												*
120	Hexyn-3-ol													*
104	Home heating oil (no. 2)													*
87	Hydraulic fluid													*
123	Hydrocarbon solvents													*
60	Hydroxyacetaldehyde dimethyl acetal													*
113	Imidazolidin-2-one, 1-(5-t-butyl -1,3,4-thiadiazol-2-yl)-3-methyl-5(M-CHL													*

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CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL I	PHASE I	PHASE II	SEC 4E	SEC 4F	SEC 5 SNUR	SEC 6A	SEC 6D	SEC8A LVL A	SEC 8D	SEC 8E
118	Ink roller desensitizer													*
96	Isocyanate dimer of 5-t-butyl-1,3,4-thiadazol-2-yl													*
106	Jet fuel A													*
101	Kenplast G (mixed aromatic hydrocarbons)													*
58	Kermac 218A													*
170	Kronitex(R) 200													*
171	Kronitex(R) 200B													*
169	Kronitex(R)(100)													*
168	Kronitex(R)(50)													*
144	Lead metal salts													*
157	Lithium and lithium compounds	X												*
6	N-Methanesulfonyl-p-toluenesulfonamide								X					*
69	n(2-Methoxycarbonyl-1-methylvinyl-methoxy-thiophosphoryl)													*
99	S-Methyl-n-((alpha'-methyl-n methylcarbamyloxymethylene)oxy)thioacetami													*
153	Methylamines	X												*
117	Multilithe deglazing solvent													*
90	Napthenic oil mixture													*
145	Nickel metal salts													*
74	Nitroaniline, 2-n(2,2,3,3tetrafluoropropyl-1 -amide)-4-trifluoromethyl-													*
156	N-Nitroso compounds	X												*
121	Octan-2-one, 5-methyl-													*
68	Octanoylimidazolidin-2-one, 1-(5-t-butyl-1,3,4-thiadiazol-2-yl) -3-methyl													*
159	Organic paint solvents									+				*
148	Organic solvents													*
175	Organotin Compounds						%						%	*
83	Pcl bottoms & hex pcl bottoms													*
69	Pentabromophenyl-2,3-dibromocarbonate													*
85	Perfluoroimine													*
100	Petroleum crude fractions													*
122	Petroleum crude fractions, high boiling													*
127	Petroleum distillates													*
61	Phenol formaldehyde resin													*
154	Phenylene di/triamines	X												*
161	Phenylenediamines						%							*
33	Phosphates				X									*
140	Phosphonium acid compounds													*
124	Phosphonium salts													*

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CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL T	PHASE I	PHASE II	SEC 4E	SEC 4F	SEC 5 SNUR	SEC 6A	SEC 6D	SEC8A LVL A	SEC 8D	SEC 8E
64	Phosphoric acid, 2,2-bis(bromomethyl) -3-hydroxy-1-propyl													*
178	Photocopying toner													*
116	Piperazine, 2-Hydroxyethyl													*
112	Polyalkoxylated polyamine													*
131	Polybrominated biphenyls													*
176	Polychlorinated dibenzofurans												%	*
29	Polychlorinated terphenyls						%				%		%	*
94	Polydibromophenylene oxide MC 935A													*
73	Polyethylated benzene tails													*
164	Polyguard													*
177	Polyquart H													*
31	Polynuclear aromatic hydrocarbons				#									*
137	Polystyrene waste streams													*
91	Polyvel M-106 polymer													*
67	Polyvel g-100													*
182	Potassium salt of perfluoroalkyl sulfonates													*
53	1,3-Propanediamine,N,N-dimethyl	%												*
110	Provalent 4A													*
76	Solvent refined coal (SRC) - filter feed													*
84	Stanax (R) 1166													*
115	Sun-cor flexographic 74 red ink													*
68	Tetrabromo diallyl carbonate													*
80	Tetrabromophthalate, 1-propanol monoester													*
167	Thiodipropionate ester complex													*
66	Thiophosphoramidate, dimethyl-n-tetrahydropyronyl													*
63	Thiophosphoramide-n,n-dimethylforamidine, n-2-methoxycarbonyl-1-methylvi													*
65	Thiophosphoryl-n',n'-dimethylforamidine, 0-methyl-0-trans-(2-methoxycarb													*
181	Thorium dioxide													*
166	Tri(mixed mono and dinonylphenyl) phosphate													*
119	1,1,1,-Trifluoro-2-chloro													*
180	Trimethyl phosphite	X												*
75	Urea, 1-(3,4-dichlorophenyl)-1-carbamyl methoxy-3-methyl-													*
181	Thorium dioxide													*
103	Varsol 40													*
135	Vel-5026 intermediates													*
77	Wellaid pg-100													*
75-07-0	Acetaldehyde	X												*

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CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL I	PHASE I	PHASE II	SEC 4E	SEC 4F	SEC 5 SNUR	SEC 6A	SEC 6D	SEC8A LVL A	SEC 8D	SEC 8E
108-05-4	Acetic acid ethenyl ester													*
79-11-8	Acetic acid, chloro-													*
79-20-9	Acetic acid, methyl ester													*
127-09-3	Acetic acid, sodium salt													*
75-05-8	Acetonitrile	X					%					%	%	*
60928-15-6	4-(Acetyloxy)-3-(5-(1,1 -dimethylethyl)1,3,4-thiadiazol -2-yl)-1-methyl-2-imidazolidinone													*
33791-58-1	Acrylic acid, 3a,4,5,6,7,7a-hexahydro-4,7-methanoindenyl ester											%		*
68002-97-1	Alconol ethoxylate													*
67762-41-8	Alcohols C9-C15													*
67762-19-0	-Ammonium salt													*
3179-90-6	9,10-Anthracenedione, 1,4-dihydroxy-5,8-bis[(2-hydroxyethyl)amino]-													*
117-79-3	9,10-Anthracenedione, 2-amino-	X		#										*
7440-36-0	Antimony						%					%	%	*
1309-64-4	Antimony oxide	%					%					%	%	*
1345-04-6	Antimony sulfide						%					%	%	*
68187-58-6	Aromatic petroleum pitch													*
7440-38-2	Arsenic		X		#									*
1332-21-4	Asbestos				X	%				+			%	*
62-53-3	Benzenamine	X												*
92-49-9	Benzenamine, N-(2-chloroethyl)-N-ethyl-											%		*
22564-43-8	Benzenamine, N-(2-chloroethyl)-N-ethyl-3-methyl-													*
61791-97-7	Benzenamine, N-(2-methyl-2-nitropropyl)-4-nitroso-(9CI)													*
86-30-6	Benzenamine, N-nitroso-N-phenyl-	X										%		*
26903-94-6	Benzenamine, N,N-diethyl-4-(1H-1,2,4-triazol-3-ylazo)-													*
120-71-8	Benzenamine, 2-methoxy-5-methyl-											%		*
99-59-2	Benzenamine, 2-methoxy-5-nitro-	X		#								%		*
99-55-8	Benzenamine, 2-methyl-5-nitro-	X										%		*
101-14-4	Benzenamine, 4,4'-methylenebis(2-chloro-	X										%		*
101-77-9	Benzenamine, 4,4'-methylenebis-						%					%	%	*
101-80-4	Benzenamine, 4,4'-oxybis-	%										%		*
2465-27-2	Benzenamine,4,4'-carbonimidoylbis[N,N-dimethyl-, monohydrochloride	%										%		*
71-43-2	Benzene		X	X									%	*
100-44-7	Benzene, (chloromethyl)-	X	X		%							%	%	*
98-87-3	Benzene, (dichloromethyl)-											%		*
620-05-3	Benzene, (iodomethyl)-													*

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98-07-7	Benzene, (trichloromethyl)-											%		*
98-83-9	Benzene, (1-methylethenyl)-											%		*
108-90-7	Benzene, chloro-											%		*
100-42-5	Benzene, ethenyl-											%	%	*
100-41-4	Benzene, ethyl-											%	%	*
118-74-1	Benzene, hexachloro-				X							%		*
103-71-9	Benzene, isocyanato-											%		*
108-88-3	Benzene, methyl- (9CI)	X					%					%	%	*
98-95-3	Benzene, nitro-	X					%					%	%	*
97-00-7	Benzene, 1-chloro-2,4-dinitro-	%										%		*
5216-25-1	Benzene, 1-chloro-4-(trichloromethyl)-											%		*
121-14-2	Benzene, 1-methyl-2,4-dinitro-	X										%		*
37853-59-1	Benzene, 1,1'-[1,2-ethanediylbis(oxy)]bis[2,4,6-tribromo-											%		*
101-84-8	Benzene, 1,1'-oxybis-													*
95-47-6	Benzene, 1,2-dimethyl- (9CI)						%					%	%	*
108-38-3	Benzene, 1,3-dimethyl-						%					%	%	*
106-42-3	Benzene, 1,4-dimethyl-						%					%	%	*
118-96-7	Benzene, 2-methyl-1,3,5-trinitro-	X										%		*
614-45-9	Benzenecarboperoxoic acid, 1,1-dimethylethyl ester	%										%		*
106-50-3	1,4-Benzenediamine											%	%	*
95-80-7	1,3-Benzenediamine, 4-methyl-	X	X	#										*
117-81-7	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester			X				+		+		%		*
85-68-7	1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester						%					%		*
85-70-1	1,2-Benzenedicarboxylic acid, 2-butoxy-2-oxoethyl butyl ester						%					%		*
123-31-9	1,4-Benzenediol						%					%	%	*
2650-18-2	Benzenemethanaminium, N-ethyl-N-[4-[[4-[ethyl[(3-sulfophenyl)methyl]amin o]phenyl](2-sulfophenyl)methylene]-2,5dien-1-ylide ne]-3-sulfo-, hydroxide, inner salt, dsalt	%										%		*
1563-66-2	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate													*
65-85-0	Benzoic acid													*
2905-65-9	Benzoic acid, 3-chloro-, methyl ester											%		*
98-73-7	Benzoic acid, 4-(1,1-dimethylethyl)-											%		*
98-88-4	Benzoyl chloride											%		*
3389-71-7	Bicyclo[2.2.1]hepta-2,5-diene, 1,2,3,4,7,7-hexachloro-											%		*
92-52-4	1,1'-Biphenyl	%										%		*

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1336-36-3	1,1'-Biphenyl, chlorinated									%				*
13292-87-0	Borane,compd. with thiobis[methane](1:1)													*
17157-48-1	Bromo-acetaldehyde													*
106-99-0	1,3-Butadiene											%		*
87-68-3	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-						%					%	%	*
126-99-8	1,3-Butadiene, 2-chloro-											%	%	*
78-78-4	Butane, 2-methyl-													*
95-08-9	Butanoic acid, 2-ethyl-, 1,2-ethanediylbis(oxy-2,1-ethanediyl) ester (9CI)											%		*
78-93-3	2-Butanone						%					%	%	*
1338-23-4	2-Butanone, peroxide	X										%		*
928-04-1	2-Butynedioic acid, monopotassium salt													*
7440-43-9	Cadmium		X		X									*
51-79-6	Carbamic acid, ethyl ester	X										%		*
132-32-1	9H-Carbazol-3-amine, 9-ethyl-	X										%		*
1484-13-5	9H-Carbazole, 9-ethenyl-													*
1333-86-4	Carbon black	X										%		*
75-44-5	Carbonic dichloride	X												*
7782-50-5	Chlorine													*
25563-14-8	4-Chloro-N-methoxy-benzamide													*
7789-12-0	Chromic acid (H2Cr2O7), disodium salt, dihydrate (9CI)													*
7775-11-3	Chromic acid, disodium salt													*
7789-06-2	Chromic acid, strontium salt (1:1)											%		*
7440-47-3	Chromium				X									*
1333-82-0	Chromium oxide											%		*
64741-62-4	Clarified oils (petroleum), catalytic cracked													*
25637-99-4	Cyclododecane, hexabromo-											%		*
106-51-4	2,5-Cyclohexadiene-1,4-dione						%					%	%	*
108-91-8	Cyclohexanamine	X			#									*
108-87-2	Cyclohexane, methyl-	X										%		*
108-94-1	Cyclohexanone						%					%	%	*
78-59-1	2-Cyclohexen-1-one, 3,5,5-trimethyl-						%					%	%	*
100-40-3	Cyclohexene, 4-ethenyl-	X										%		*
542-92-7	1,3-Cyclopentadiene											%		*
25329-35-5	1,3-Cyclopentadiene, 1,2,3,4,5-pentachloro- (8CI9CI)													*
77-47-4	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-	X					%					%	%	*
706-78-5	Cyclopentene, octachloro- (8CI9CI)													*
1746-01-6	Dibenzo[b,e][1,4]dioxin, 2,3,7,8-tetrachloro- (9CI)										X			*
33857-26-0	Dibenzo[b,e][1,4]dioxin, 2,7-dichloro- (9CI)													*

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56910-74-8	4-(3,4-Dichlorophenyl)-2-methyl -1,2,4-triazolidin-3-one													*
51461-71-3	N-(2,2-Dimethoxyethyl)-N'-(5 -(1,1-dimethylethyl)-1,3,4-thiadiazol -2-yl)-N-methyl-urea													*
534-13-4	Dimethyl thiourea	X												*
6369-65-9	Dinaphtho[1,2,3-cd:3',2',1'-lm]perylene-5,10-dione , 3,12-dinitro-													*
828-00-2	1,3-Dioxan-4-ol, 2,6-dimethyl-, acetate	X										%		*
123-91-1	1,4-Dioxane	X			%							%		*
68410-09-3	Distillates (coal), solvent-refining (SRC), wash													*
64742-46-7	Distillates (petroleum), hydrotreated middle													*
64741-59-9	Distillates (petroleum), light catalytic cracked													*
64741-44-2	Distillates (petroleum), straight-run middle													*
624-92-0	Disulfide, dimethyl													*
1643-20-5	1-Dodecanamine, N,N-dimethyl-, N-oxide											%		*
3033-62-3	Ethanamine, 2,2'-oxybis[N,N-dimethyl-													*
122-07-6	Ethanamine, 2,2-dimethoxy-N-methyl-											%		*
74-96-4	Ethane, bromo-	X												*
75-00-3	Ethane, chloro-	X												*
67-72-1	Ethane, hexachloro-	X	%		#									*
60-29-7	Ethane, 1,1'-oxybis-	%												*
75-34-3	Ethane, 1,1-dichloro-											%	%	*
71-55-6	Ethane, 1,1,1-trichloro-		X				%					%	%	*
79-00-5	Ethane, 1,1,2-trichloro-	X			%							%		*
79-27-6	Ethane, 1,1,2,2-tetrabromo-											%		*
79-34-5	Ethane, 1,1,2,2-tetrachloro-	X			#									*
106-93-4	Ethane, 1,2-dibromo-	X		#										*
107-06-2	Ethane, 1,2-dichloro-	X	X	#						+				*
7252-83-7	Ethane, 2-bromo-1,1-dimethoxy-													*
532-27-4	Ethane, 2-chloro-1-phenyl									+				*
107-15-3	1,2-Ethanediamine	X												*
107-07-3	Ethanol, 2-chloro-											%		*
111-46-6	Ethanol, 2,2'-oxybis-	%												*
102-71-6	Ethanol, 2,2',2''-nitrilotris-	X										%	%	*
68109-57-9	Ethanone, 2,2-bis(1-methylpropoxy)-1-phenyl-													*
593-60-2	Ethene, bromo-	X	%		%							%		*
75-01-4	Ethene, chloro-	X												*
75-02-5	Ethene, fluoro-	X											%	*
127-18-4	Ethene, tetrachloro-		X		%									*
79-01-6	Ethene, trichloro-		X		%									*
593-92-0	Ethene, 1,1-dibromo- (9CI)	X												*

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75-35-4	Ethene, 1,1-dichloro-				%							%			*
75-38-7	Ethene, 1,1-difluoro-	X										%		%	*
156-60-5	Ethene, 1,2-dichloro-, (E)-														*
11114-18-4	FM 100														*
129-79-3	9H-Fluoren-9-one, 2,4,7-trinitro-	%										%			*
50-00-0	Formaldehyde	X	X		%			+		+					*
68-12-2	Formamide, N,N-dimethyl-	X										%			*
68476-30-2	Fuel oil, no. 2														*
109-99-9	Furan, tetrahydro-	X										%			*
108-31-6	2,5-Furandione	X										%			*
96-48-0	2(3H)-Furanone, dihydro-	%													*
6058-23-7	2,3,4,5,7,7-Hexachloro-1-a ,1b,5,5a,6a-hexahydro-2,5 -methano-2H-indeno(1,2-b)oxirene														*
110-54-3	Hexane	X										%			*
124-09-4	1,6-Hexanediamine	X										%			*
4835-11-4	1,6-Hexanediamine, N,N'-dibutyl-											%			*
7647-01-0	Hydrochloric acid														*
7783-06-4	Hydrogen sulfide														*
80-15-9	Hydroperoxide, 1-methyl-1-phenylethyl	%										%			*
75-91-2	Hydroperoxide, 1,1-dimethylethyl	%										%			*
552-30-7	5-Isobenzofurancarboxylic acid, 1,3-dihydro-1,3-dioxo-	X										%			*
632-79-1	1,3-Isobenzofurandione, 4,5,6,7-tetrabromo-											%			*
2698-41-1	Malonitrile, o-chlorobenzylidene									+					*
12108-13-3	Manganese, tricarbonyl[(1,2,3,4,5-.eta.)-1-methyl-2,4-cyclope ntadien-1 -yl]- (9CI)														*
7439-97-6	Mercury				%										*
21908-53-2	Mercury oxide														*
141-79-7	Mesityloxide													%	*
23307-05-3	Methanamine, N-methyl-, sulfate (1:1)											%			*
62-75-9	Methanamine, N-methyl-N-nitroso-											%			*
548-62-9	Methanaminium, N-[4-[bis[4-(dimethylamino)phenyl]methylene]-2,5-c yclohexadien-1-ylidene]-N-methyl-, chloride	%													*
74-87-3	Methane, chloro-	X										%		%	*
75-45-6	Methane, chlorodifluoro-	X												%	*
75-09-2	Methane, dichloro-	X					%					%		%	*
74-88-4	Methane, iodo-											%		%	*
542-88-1	Methane, oxybis[chloro-														*
56-23-5	Methane, tetrachloro-	X	%		#										*

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ENVIRONMENTAL PROTECTION AGENCY — MAY 12, 1981

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67-66-3	Methane, trichloro-		X		%									*
74-93-1	Methanethiol													*
133-21-1	4,7-Methano-1H-inden-5-ol, 3a,4,5,6,7,7a-hexahydro-											%		*
77-73-6	4,7-Methano-1H-indene, 3a,4,7,7a-tetrahydro-	%												*
828-66-0	4,7-Methanoisobenzofuran-1,3-dione, 3a,4,7,7a-tetrahydro-8-methyl- (9C I)											%	%	*
115-27-5	4,7-Methanoisobenzofuran-1,3-dione, 4,5,6,7,8,8-hexachloro-3a,4,7,7a-tetrahydro-													*
67-56-1	Methanol	X												*
58496-98-3	(1-Methylethylidene)bis(2,6-dibromo-o-4,1-phenylene) bis (2,3-dibromopropyl) ester carbonic acid	X										%	%	*
110-91-8	Morpholine											%		*
102-77-2	Morpholine, 4-(2-benzothiazolylthio)-													*
13752-51-7	Morpholine, 4-[(4-morpholinylthio)thioxomethyl]-													*
68476-79-9	Naphtha (coal), solvent-refining													*
64741-66-8	Naphtha (petroleum), light alkylate											%		*
1937-37-7	2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(-, disodium salt	%												*
61789-51-3	Naphthenic acids, cobalt salts													*
64741-54-4	Naptha (petroleum), heavy catalytic cracked	%												*
93-00-5	2-Napthalenesulfonic acid, 6-amino-													*
8006-14-2	Natural gas													*
64741-48-6	Natural gas (petroleum), raw liq. mix													*
7440-02-0	Nickel													*
2442-57-7	No name yet identified for CSR													*
17356-39-2	No name yet identified for CSR													*
12824-93-1	No name yet identified for CSR													*
75-21-8	Oxirane	X										%		*
2426-08-6	Oxirane, (butoxymethyl)-											%		*
106-89-8	Oxirane, (chloromethyl)-											%		*
930-37-0	Oxirane, (methoxymethyl)-											%		*
122-60-1	Oxirane, (phenoxymethyl)-	X		*								%		*
3083-25-8	Oxirane, (2,2,2-trichloroethyl)-	X												*
7665-72-7	Oxirane, [(1,1-dimethylethoxy)methyl]-	X										%	%	*
96-09-3	Oxirane, phenyl-													*
59261-06-2	1,1'-Oxybis(2,3-dibromo-propane												%	*
87-86-5	Pentachlorophenol													*
26842-43-3	Pentanenitrile, 2-amino-2,4-dimethyl-													*

X = COMPLETED % = UNDER DEVELOPMENT + = UNDER CONSIDERATION # = IN QUEUE * = OTHER

CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL PHASE I	PHASE I	PHASE II	SEC 4E	SEC 4F	SEC 5 SNUR	SEC 6A	SEC 6D	SECBA LVL A	SEC 8D	SEC 8E
141-59-3	2-Pentanethiol, 2,4,4-trimethyl-													*
2215-35-2	2-Pentanol, 4-methyl-, hydrogen phosphorodithioate, zinc salt													*
107-87-9	2-Pentanone	X										%		*
108-10-1	2-Pentanone, 4-methyl-						%					%	%	*
141-79-7	3-Penten-2-one, 4-methyl-						%							*
1691-99-2	N-ethyl Perfluorooctylsulfonamido ethanol													*
25155-23-1	Phenol, dimethyl-, phosphate (3:1)											%		*
68937-40-6	Phenol, isobutylenated, phosphate (3:1)													*
68937-41-7	Phenol, isopropylated, phosphate (3:1)													*
51-28-5	Phenol, 2,4-dinitro-	%										%		*
95-95-4	Phenol, 2,4,5-trichloro-												%	*
118-79-6	Phenol, 2,4,6-tribromo-	X										%		*
150-76-5	Phenol, 4-methoxy-													*
25068-38-6	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane													*
79-94-7	Phenol, 4,4'-(1-methylethylidene)bis[2,6-dibromo-											%		*
603-35-0	Phosphine, triphenyl-											%		*
868-85-9	Phosphonic acid, dimethylester													*
1832-07-1	Phosphonitrile chloride													*
35835-94-0	Phosphonium, ethyltriphenyl-, acetate													*
4736-60-1	Phosphonium, ethyltriphenyl-, iodide													*
17786-43-5	Phosphonium, tetrabutyl-, acetate, monoacetate													*
55566-30-8	Phosphonium, tetrakis(hydroxymethyl)-, sulfate (2:1) (salt)											%		*
1100-88-5	Phosphonium, triphenyl(phenylmethyl)-, chloride													*
10310-38-0	Phosphonium,1,2-ethanediylbis[tris-O-(phenylmethyl													*
21609-90-5	Phosphonothioic acid, phenyl-, O-(4-bromo-2,5-dichlorophenyl) O-methyl ester (8CI9CI)													*
115-86-6	Phosphoric acid, triphenyl ester											%		*
1330-78-5	Phosphoric acid, tris(methylphenyl) ester											%		*
66108-37-0	Phosphoric acid, 2,2-bis(bromomethyl)-3-chloropropyl bis[2-chloro-1-(chloromethyl)ethyl] ester											%		*
680-31-9	Phosphoric triamide, hexamethyl-	X										%		*
24934-91-6	Phosphorodithioic acid, S-(chloromethyl) O,O-diethyl ester (8CI9CI)													*
121-45-9	Phosphorous acid, trimethyl ester	%										%		*
10025-87-3	Phosphoryl chloride													*
103-76-4	1-Piperazineethanol													*
1932-04-3	Piperidine, 1,1'-(1,2-ethanediyl)bis-													*

X = COMPLETED % = UNDER DEVELOPMENT + = UNDER CONSIDERATION * = IN QUEUE * = OTHER

CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL I	PHASE I	PHASE II	SEC 4E	SEC 4F	SEC 5 SNUR	SEC 6A	SEC 6D	SEC LVL A	SEC 8D	SEC 8E
78-00-2	Plumbane, tetraethyl-													*
75-74-1	Plumbane, tetramethyl-													*
4261-68-1	2-Propanamine, N-(2-chloroethyl)-N-(1-methylethyl)-, hydrochloride													*
4584-49-0	1-Propanamine, 2-chloro-N,N-dimethyl-, hydrochloride											%		*
96-12-8	Propane, 1,2-dibromo-3-chloro-						%					%	%	*
78-87-5	Propane, 1,2-dichloro-	%										%		*
142-28-9	Propane, 1,3-dichloro-											%		*
75-29-6	Propane, 2-chloro-													*
75-28-5	Propane, 2-methyl-	X	%	#								%	%	*
79-46-9	Propane, 2-nitro-											%		*
57-55-6	1,2-Propanediol													*
4196-86-5	1,3-Propanediol, 2,2-bis[(benzoyloxy)methyl]-, dibenzoate											%		*
1738-25-6	Propanenitrile, 3-(dimethylamino)-	X										%		*
67-63-0	2-Propanol											%		*
20109-39-1	1-Propanol, 2-[2-(benzoyloxy)propoxy]-, benzoate											%		*
96-13-9	1-Propanol, 2,3-dibromo-				X									*
126-72-7	1-Propanol, 2,3-dibromo-, phosphate (3:1)	X												*
684-16-2	2-Propanone, 1,1,1,3,3,3-hexafluoro-	X										%	%	*
107-02-8	2-Propenal				%		%							*
79-06-1	2-Propenamide													*
382-21-8	1-Propene, 1,1,3,3,3-pentafluoro-2-(trifluoromethyl)- (9CI)	X										%		*
107-05-1	1-Propene, 3-chloro-												%	*
107-13-1	2-Propenenitrile	%												*
79-10-7	2-Propenoic acid	X										%		*
140-88-5	2-Propenoic acid, ethyl ester													*
9003-04-7	2-Propenoic acid, homopolymer, sodium salt											%		*
106-90-1	2-Propenoic acid, oxiranylmethyl ester											%		*
103-11-7	2-Propenoic acid, 2-ethylhexyl ester	X										%		*
106-91-2	2-Propenoic acid, 2-methyl-, oxiranylmethyl ester											%		*
2223-82-7	2-Propenoic acid, 2,2-dimethyl-1,3-propanediyl ester	X					%					%	%	*
110-86-1	Pyridine	X												*
14808-60-7	Quartz													*
68410-72-0	Residues (coal), solvent-refining (SRC), filtration	X												*
26628-22-8	Sodium azide													*
7647-15-6	Sodium bromide													*

X = COMPLETED % = UNDER DEVELOPMENT + = UNDER CONSIDERATION # = IN QUEUE * = OTHER

CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL PHASE I I	PHASE II	SEC 4E	SEC 4F	SEC 5 SNUR	SEC 6A	SEC 6D	SEC LVL	SEC8A A	SEC 8D	SEC 8E
68585-34-2	-Sodium salt													*
10025-67-9	Sulfur chloride													*
2551-62-4	Sulfur fluoride, (OC-6-11)-	X									%			*
7783-20-2	Sulfuric acid diammonium salt													*
10043-01-3	Sulfuric acid, aluminum salt (3:2)													*
2973-10-6	Sulfuric acid, bis(1-methylethyl) ester (9CI)													*
7778-18-9	Sulfuric acid, calcium salt (1:1)													*
625-22-9	Sulfuric acid, dibutyl ester (8CI9CI)													*
64-67-5	Sulfuric acid, diethyl ester										%			*
77-78-1	Sulfuric acid, dimethyl ester										%			*
13494-80-9	Tellurium	X												*
101-25-7	1,3,5,7-Tetraazabicyclo[3.3.1]nonane, 3,7-dinitroso-	X												*
7177-48-2	4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[(aminophenylac etyl)amino]-3,3-dimethyl-7-oxo-, trihyd[2,alpha.,5.alph a.,6.beta.(S*)]]- (9CI)													*
62-56-6	Thiourea	X												*
1314-20-1	Thorium dioxide	X												*
7440-32-6	Titanium	%												*
638-16-4	1,3,5-Triazine-2,4,6(1H,3H,5H)-trithione													*
58573-43-6	Tribromo-sodium salt phenol													*
11089-65-9	Tunicamycin (9CI)													*
1318-00-9	Vermiculite	X		X										*
63428-83-1	Zytel nylon resin													*

PART II

CHEMICALS OF INTEREST

TO OPTS

ENVIRONMENTAL PROTECTION AGENCY
MANAGEMENT SUPPORT DIVISION
STATUS BY ACTIVITY

JULY 16, 1981

CHIPS

Completed

1	Diethylchlorothiophosphate
32	Alkyl phthalates
34	Adipate esters
35	Ethanolamines
47	No preferred name on file
51	1,4-Diazobicyclo 2.2.2. octane
149	Chlorophenols
151	Aluminum and compounds
152	Ethylamines
153	Methylamines
154	Phenylene di/triamines
155	Bromine and bromine compounds
156	N-Nitroso compounds
157	Lithium and lithium compounds
158	Hexachlorocyclopentadiene and derivatives
162	Cutting fluids
180	Trimethyl phosphite
50-00-0	Formaldehyde
51-79-6	Carbamic acid, ethyl ester
56-23-5	Methane, tetracnloro-
62-53-3	Benzenamine
62-56-6	Thiourea
67-56-1	Methanol
67-63-0	2-Propanol
67-72-1	Ethane, hexachloro-
68-12-2	Formamide, N,N-dimethyl-
74-87-3	Methane, chloro-
74-96-4	Ethane, bromo-
75-00-3	Ethane, chloro-
75-01-4	Ethene, chloro-
75-02-5	Ethene, fluoro-
75-05-8	Acetonitrile
75-07-0	Acetaldehyde

CHIPS (cont)

Completed (cont)

75-09-2	Methane, dichloro-
75-21-8	Oxirane
75-38-7	Ethene, 1,1-difluoro-
75-44-5	Carbonic dichloride
75-45-6	Methane, chlorodifluoro-
77-47-4	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-
79-00-5	Ethane, 1,1,2-trichloro-
79-34-5	Ethane, 1,1,2,2-tetrachloro-
79-46-9	Propane, 2-nitro-
86-30-6	Benzenamine, N-nitroso-N-phenyl-
95-80-7	1,3-Benzenediamine, 4-methyl-
96-09-3	Oxirane, phenyl-
98-95-3	Benzene, nitro-
99-55-8	Benzenamine, 2-methyl-5-nitro-
99-59-2	Benzenamine, 2-methoxy-5-nitro-
100-40-3	Cyclohexene, 4-ethenyl-
100-44-7	Benzene, (chloromethyl)-
101-14-4	Benzenamine, 4,4'-methylenebis(2-chloro-
101-25-7	1,3,5,7-Tetraazabicyclo[3.3.1]nonane, 3,7-dinitroso-
102-71-6	Ethanol, 2,2',2''-nitrilotris-
103-11-7	2-Propenoic acid, 2-ethylhexyl ester
106-93-4	Ethane, 1,2-dibromo-
107-02-8	2-Propenal
107-05-1	1-Propene, 3-chloro-
107-06-2	Ethane, 1,2-dichloro-
107-15-3	1,2-Ethanediamine
107-87-9	2-Pentanone

CHIPS (cont)

Completed (cont)

108-31-6	2,5-Furandione
108-87-2	Cyclohexane, methyl-
108-88-3	Benzene, methyl- (9CI)
108-91-8	Cyclohexanamine
109-99-9	Furan, tetrahydro-
110-54-3	Hexane
110-91-8	Morpholine
117-79-3	9,10-Anthracenedione, 2-amino-
118-79-6	Phenol, 2,4,6-tribromo-
118-96-7	Benzene, 2-methyl-1,3,5-trinitro-
121-14-2	Benzene, 1-methyl-2,4-dinitro-
122-60-1	Oxirane, (phenoxymethyl)-
123-91-1	1,4-Dioxane
124-09-4	1,6-Hexanediamine
132-32-1	9H-Carbazol-3-amine, 9-ethyl-
140-88-5	2-Propenoic acid, ethyl ester
333-52-6	No preferred name on file
534-13-4	Dimethyl thiourea
552-30-7	5-Isobenzofurancarboxylic acid, 1,3-dihydro-1,3-dioxo-
593-60-2	Ethene, bromo-
593-92-0	Ethene, 1,1-dibromo- (9CI)
680-31-9	Phosphoric triamide, hexamethyl-
684-16-2	2-Propanone, 1,1,1,3,3,3-hexafluoro-
828-00-2	1,3-Dioxan-4-ol, 2,6-dimethyl-, acetate
1314-20-1	Thorium dioxide
1318-00-9	Vermiculite
1333-86-4	Carbon black

CHIPS (cont)

Completed (cont)

1338-23-4	2-Butanone, peroxide
2223-82-7	2-Propenoic acid, 2,2-dimethyl-1,3-propanediyl ester
2551-62-4	Sulfur fluoride, (OC-6-11)-
3083-25-8	Oxirane, (2,2,2-trichloroethyl)-
13494-80-9	Tellurium
14808-60-7	Quartz
14808-60-7	Quartz
26628-22-8	Sodium azide

Under development

2	Cyanuric acid and chlorinated derivatives
53	1,3-Propanediamine,N,N-dimethyl
51-28-5	Phenol, 2,4-dinitro-
60-29-7	Ethane, 1,1'-oxybis-
75-91-2	Hydroperoxide, 1,1-dimethylethyl
77-73-6	4,7-Methano-1H-indene, 3a,4,7,7a-tetrahydro-
79-10-7	2-Propenoic acid
80-15-9	Hydroperoxide, 1-methyl-1-phenylethyl
92-52-4	1,1'-Biphenyl
93-00-5	2-Napthalenesulfonic acid, 6-amino-
96-48-0	2(3H)-Furanone, dihydro-
97-00-7	Benzene, 1-chloro-2,4-dinitro-
101-80-4	Benzenamine, 4,4'-oxybis-
111-46-6	Ethanol, 2,2'-oxybis-
121-45-9	Phosphorous acid, trimethyl ester
129-79-3	9H-Fluoren-9-one, 2,4,7-trinitro-
142-28-9	Propane, 1,3-dichloro-

CHIPS (cont)

Under development (cont)

548-62-9	Methanaminium, N-[4-[bis[4-(dimethylamino)phenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, chloride
614-45-9	Benzenecarboperoxoic acid, 1,1-dimethylethyl ester
1309-64-4	Antimony oxide
2465-27-2	Benzenamine,4,4'-carbonimidoylbis[N,N-dimethyl-, monohydrochloride
2650-18-2	Benzenemethanaminium, N-ethyl-N-[4-[[4-[ethyl[(3-sulfophenyl)methyl]amino]phenyl](2-sulfophenyl)methylene]-2,5-cyclohexadien-1-ylidene]-3-sulfo-, hydroxide, inner salt, disalt
7440-32-6	Titanium
61789-51-3	Naphthenic acids, cobalt salts

ENVIRONMENTAL PROTECTION AGENCY
MANAGEMENT SUPPORT DIVISION
STATUS BY ACTIVITY

JULY 16, 1981

Materials Balances

Completed

10	Anilines
20	Chlorinated benzenes (mono-, di-, tri-, tetra-, and penta-)
47	No preferred name on file
149	Chlorophenols
50-00-0	Formaldehyde
67-66-3	Methane, trichloro-
71-43-2	Benzene
71-55-6	Ethane, 1,1,1-trichloro-
79-01-6	Ethene, trichloro-
95-80-7	1,3-Benzenediamine, 4-methyl-
100-44-7	Benzene, (chloromethyl)-
107-06-2	Ethane, 1,2-dichloro-
127-18-4	Ethene, tetrachloro-
7440-38-2	Arsenic
7440-43-9	Cadmium

Under development

5	Benzidine based dyes and congeners
56-23-5	Methane, tetrachloro-
67-72-1	Ethane, hexachloro-
79-46-9	Propane, 2-nitro-
593-60-2	Ethene, bromo-

ENVIRONMENTAL PROTECTION AGENCY
MANAGEMENT SUPPORT DIVISION
STATUS BY ACTIVITY

JULY 16, 1981

PRL I

Completed

71-43-2	Benzene
117-81-7	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester
1318-00-9	Vermiculite

In queue

32	Alkyl phthalates
79-46-9	Propane, 2-nitro-
95-80-7	1,3-Benzenediamine, 4-methyl-
99-59-2	Benzenamine, 2-methoxy-5-nitro-
106-93-4	Ethane, 1,2-dibromo-
107-06-2	Ethane, 1,2-dichloro-
117-79-3	9,10-Anthracenedione, 2-amino-
122-60-1	Oxirane, (phenoxymethyl)-

ENVIRONMENTAL PROTECTION AGENCY
MANAGEMENT SUPPORT DIVISION
STATUS BY ACTIVITY

JULY 16, 1981

Phase I

Completed

5	Benzidine based dyes and congeners
30	Chlorofluorocarbons
33	Phosphates
118-74-1	Benzene, hexachloro-
126-72-7	1-Propanol, 2,3-dibromo-, phosphate (3:1)
1332-21-4	Asbestos
7440-43-9	Cadmium
7440-47-3	Chromium

In queue

31	Polynuclear aromatic hydrocarbons
34	Adipate esters
35	Ethanolamines
56-23-5	Methane, tetrachloro-
67-72-1	Ethane, hexachloro-
79-34-5	Ethane, 1,1,2,2-tetrachloro-
108-91-8	Cyclohexanamine
7440-38-2	Arsenic

Under development

50-00-0	Formaldehyde
67-66-3	Methane, trichloro-
75-35-4	Ethene, 1,1-dichloro-
79-00-5	Ethane, 1,1,2-trichloro-
79-01-6	Ethene, trichloro-
79-06-1	2-Propenamide
100-44-7	Benzene, (chloromethyl)-
123-91-1	1,4-Dioxane
127-18-4	Ethene, tetrachloro-
593-60-2	Ethene, bromo-
7439-97-6	Mercury

ENVIRONMENTAL PROTECTION AGENCY
MANAGEMENT SUPPORT DIVISION
STATUS BY ACTIVITY

JULY 16, 1981

Phase II

Under development

30 Chlorofluorocarbons

1332-21-4 Asbestos

ENVIRONMENTAL PROTECTION AGENCY
MANAGEMENT SUPPORT DIVISION
STATUS BY ACTIVITY

JULY 16, 1981

Section 4(e)

Under development

5	Benzidine based dyes and congeners
10	Anilines
11	Aryl phosphates
20	Chlorinated benzenes (mono-, di-, tri-, tetra-, and penta-)
22	Chlorinated naphthalenes
23	Chlorinated paraffins
24	Cresols
26	Glycidol and its derivatives
27	Halogenated alkyl epoxides
29	Polychlorinated terphenyls
32	Alkyl phthalates
39	Alkyl epoxides
161	Phenylenediamines
175	Organotin Compounds
183	Fluoro alkanes
71-55-6	Ethane, 1,1,1-trichloro-
75-05-8	Acetonitrile
75-09-2	Methane, dichloro-
77-47-4	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-
78-59-1	2-Cyclohexen-1-one, 3,5,5-trimethyl-
78-87-5	Propane, 1,2-dichloro-
78-93-3	2-Butanone
79-06-1	2-Propenamide
85-68-7	1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester
85-70-1	1,2-Benzenedicarboxylic acid, 2-butoxy-2-oxoethyl butyl ester
87-68-3	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-
95-47-6	Benzene, 1,2-dimethyl- (9CI)
98-95-3	Benzene, nitro-
101-77-9	Benzenamine, 4,4'-methylenebis-
106-42-3	Benzene, 1,4-dimethyl-
106-51-4	2,5-Cyclohexadiene-1,4-dione
108-10-1	2-Pentanone, 4-methyl-
108-38-3	Benzene, 1,3-dimethyl-

Section 4(e) (cont)

Under development (cont)

108-88-3	Benzene, methyl- (9CI)
108-94-1	Cyclohexanone
110-86-1	Pyridine
123-31-9	1,4-Benzenediol
141-79-7	3-Penten-2-one, 4-methyl-
1309-64-4	Antimony oxide
1345-04-6	Antimony sulfide
7440-36-0	Antimony

ENVIRONMENTAL PROTECTION AGENCY
MANAGEMENT SUPPORT DIVISION
STATUS BY ACTIVITY

JULY 16, 1981

Section 4(f)

Under consideration

50-00-0	Formaldehyde
117-81-7	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester

ENVIRONMENTAL PROTECTION AGENCY
MANAGEMENT SUPPORT DIVISION
STATUS BY ACTIVITY

JULY 16, 1981

Section 5 SNUR

Completed

6 N-Methanesulfonyl-p-toluenesulfonamide

ENVIRONMENTAL PROTECTION AGENCY
MANAGEMENT SUPPORT DIVISION
STATUS BY ACTIVITY

JULY 16, 1981

Section 6(a)

Completed

1336-36-3	1,1'-Biphenyl, chlorinated

Under consideration

159	Organic paint solvents
50-00-0	Formaldehyde
107-06-2	Ethane, 1,2-dichloro-
117-81-7	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester
532-27-4	Ethane, 2-chloro-1-phenyl
1332-21-4	Asbestos
2698-41-1	Malonitrile, o-chlorobenzylidene

Under development

163	Chlorofluorocarbons (non-aersol uses)
1336-36-3	1,1'-Biphenyl, chlorinated

ENVIRONMENTAL PROTECTION AGENCY
MANAGEMENT SUPPORT DIVISION
STATUS BY ACTIVITY

JULY 16, 1981

Section 6(d)

Completed

1746-01-6 Dibenzo[b,e][1,4]dioxin, 2,3,7,8-tetrachloro-
(9CI)

ENVIRONMENTAL PROTECTION AGENCY
MANAGEMENT SUPPORT DIVISION
STATUS BY ACTIVITY

JULY 16, 1981

Section 8(d)

Under development

3	Acrylic acid and 2-methylacrylic acid and their esters
5	Benzidine based dyes and congeners
10	Anilines
11	Aryl phosphates
20	Chlorinated benzenes (mono-, di-, tri-, tetra-, and penta-)
22	Chlorinated napnthalenes
23	Chlorinated paraffins
24	Cresols
26	Glycidol and its derivatives
27	Halogenated alkyl epoxides
29	Polychlorinated terphenyls
32	Alkyl phthalates
36	Dioxins
39	Alkyl epoxides
149	Chlorophenols
175	Organotin Compounds
176	Polychlorinated dibenzofurans
71-43-2	Benzene
71-55-6	Ethane, 1,1,1-trichloro-
74-87-3	Methane, chloro-
74-88-4	Methane, iodo-
75-02-5	Ethene, fluoro-
75-05-8	Acetonitrile
75-09-2	Methane, dichloro-
75-34-3	Ethane, 1,1-dichloro-
75-38-7	Ethene, 1,1-difluoro-
75-45-6	Methane, chlorodifluoro-
77-47-4	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-
78-59-1	2-Cyclohexen-1-one, 3,5,5-trimethyl-
78-87-5	Propane, 1,2-dichloro-
78-93-3	2-Butanone
79-06-1	2-Propenamide
79-46-9	Propane, 2-nitro-

Section 8(d) (cont)

Under development (cont)

87-68-3	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-
87-86-5	Pentachlorophenol
95-47-6	Benzene, 1,2-dimethyl- (9CI)
95-95-4	Phenol, 2,4,5-trichloro-
96-09-3	Oxirane, phenyl-
98-95-3	Benzene, nitro-
100-41-4	Benzene, ethyl-
100-42-5	Benzene, ethenyl-
100-44-7	Benzene, (chloromethyl)-
101-77-9	Benzenamine, 4,4'-methylenebis-
102-71-6	Ethanol, 2,2',2''-nitrilotris-
106-42-3	Benzene, 1,4-dimethyl-
106-50-3	1,4-Benzenediamine
106-51-4	2,5-Cyclohexadiene-1,4-dione
107-13-1	2-Propenenitrile
108-10-1	2-Pentanone, 4-methyl-
108-38-3	Benzene, 1,3-dimethyl-
108-88-3	Benzene, methyl- (9CI)
108-94-1	Cyclohexanone
110-86-1	Pyridine
110-91-8	Morpholine
115-27-5	4,7-Methanoisobenzofuran-1,3-dione, 4,5,6,7,8,8-hexachloro-3a,4,7,7a-tetrahydro-
123-31-9	1,4-Benzenediol
126-99-8	1,3-Butadiene, 2-chloro-
191-79-7	Mesityloxide
1309-64-4	Antimony oxide
1332-21-4	Asbestos

Section 8(d) (cont)

Under development (cont)

1345-04-6 Antimony sulfide
7440-36-0 Antimony

Section 8(e)

55 Ethylene glycol, 2-hydroxypropyl-2(2-hydroxyethyl)
57 Cr-141
58 Kermac 218A
59 Decofuranuronic acid,6,9-diamino
-1-(amino-9h-purin-9-yl)-1,5,6,7,8,9,-hex
60 Hydroxyacetaldehyde dimethyl acetal
61 Phenol formaldehyde resin
62 Diphenylmethane diisocyanate
63 Thiophosphoramide-n,n-dimethylforamidine,
n-2-methoxycarbonyl-1-methylvi
64 Phosphoric acid, 2,2-bis(bromomethyl)
-3-hydroxy-1-propyl
65 Thiophosphoryl-n',n'-dimethylforamidine,
0-methyl-0-trans-(2-methoxycarb
66 Thiophosphoramidate,
dimethyl-n-tetrahydropyronyl
67 Polyvel g-100
68 Octanoylimidazolidin-2-one,
1-(5-t-butyl-1,3,4-thiadiazol-2-yl)
-3-methyl
69 n(2-Methoxycarbonyl-1-
methylvinyl-methoxy-thiophosphoryl)
70 Acetamidine,n-(2-isopropoxycarbonyl-1
-methylvinyl-methoxythiophosphorami)
71 (Dichloro-triazino)amino-benzyl-sulfonate
72 Benzene, 1,4-dibromo-2,5-dichloro-
73 Polyethylated benzene tails
74 Nitroaniline, 2-n(2,2,3,3tetrafluoropropyl-1
-amide)-4-trifluoromethyl-
75 Urea, 1-(3,4-dichlorophenyl)-1-carbamyl
methoxy-3-methyl-
76 Solvent refined coal (SRC) - filter feed
77 Wellaid bg-100
78 N-Alkyl glycidyl ethers (C2-C10)
79 Bis(tribromoneopentyl)pentaerythritol
cyclic diphosphate MC 948
80 Tetrabromophthalate, 1-propanol monoester
81 No preferred name on file
82 Gulf cut heavy duty soluble oil
83 Pcl bottoms & hex pcl bottoms
84 Stanax (R) 1166
85 Perfluoroimine
86 FC-70 Decomposition products
87 Hydraulic fluid
88 Tetrabromo diallyl carbonate

Section 8(e) (cont)

(cont)

89 Pentabromophenyl-2,3-dibromocarbonate
90 Napthenic oil mixture
91 Polyvel M-106 polymer
92 N-(2,4-Dinitro-6-(trifluoromethyl)
phenyl)-n-methyl-2,4,6-tribromobenzen
93 AP-1155 - Polyaromatic amines
94 Polydibromophenylene oxide MC 935A
95 Brominated aromatic oils CN-110-109
96 Isocyanate dimer of 5-t-butyl-1,3,4-thiadazol-2-yl
97 Chlorinated norbornene derivatives
98 Chlorinated dioxin
99 S-Methyl-n-((alpha'-methyl-n
methylcarbamyloxymethylene)oxy)thioacetami
100 Petroleum crude fractions
101 Kenplast G (mixed aromatic hydrocarbons)
102 Bromodichlorobenzene (neutral oils from
hydrolysis)
103 Varsol 40
104 Home heating oil (no. 2)
105 Ethoxylated products
106 Jet fuel A
107 Alcohol ethoxysulfate (sodium salt)
108 Alcohol ethoxysulfate (ammonium salt)
109 Arco L8-7979
110 Provalent 4A
111 Dimethylhydantoin - derived epoxy
resin (developmental)
112 Polyalkoxylated polyamine
113 Imidazolidin-2-one, 1-(5-t-butyl
-1,3,4-thiadiazol-2-yl)-3-methyl-5(4-CHL
114 Fuel oil
115 Sun-cor flexographic 74 red ink

Section 8(e) (cont)

(cont)

116 Piperazine, 2-Hydroxyethyl
117 Multilithe deglazing solvent
118 Ink roller desensitizer
119 1,1,1,-Trifluoro-2-chloro
120 Hexyn-3-ol
121 Octan-2-one, 5-methyl-
122 Petroleum crude fractions, high boiling
123 Hydrocarbon solvents
124 Phosphonium salts
125 Aromatic hydrocarbons
126 Chlorinated hydrocarbons
127 Petroleum distillates
128 Arsenic/cadmium compounds (including mining and smelting compounds)
129 Dibenzo-p-dioxin,polychlorinated
130 No preferred name on file
131 Polybrominated biphenyls
132 No preferred name on file
133 Copper smelting compounds
134 Chromates
135 Vel-5026 intermediates
136 Diesel fuel
137 Polystyrene waste streams
138 Aryl phosphates
140 Phosphonium acid compounds
141 Ethoxylated C12-C15 alcohols
142 Cobalt metal salts
143 Copper metal salts

Section 8(e) (cont)

(cont)

144	Lead metal salts
145	Nickel metal salts
146	Coal derived fuel oil fractions (Experimental)
147	No preferred name on file
148	Organic solvents
149	Chlorophenols
150	Crude shale oils
151	Aluminum and compounds
160	Fluorine compounds
164	Polyquard
165	Argus Q-328
166	Tri(mixed mono and dinonylphenyl) phosphate
167	Thiodipropionate ester complex
168	Kronitex(R)(50)
169	Kronitex(R)(100)
170	Kronitex(R) 200
171	Kronitex(R) 2008
177	Polyquart H
178	Photocopying toner
179	Dicyclopentadiene
181	Thorium dioxide
181	Varisoft 222
182	Potassium salt of perfluoroalkyl sulfonates
50-00-0	Formaldehyde
50-76-5	No preferred name on file
56-23-5	Methane, tetrachloro-
57-55-6	1,2-Propanediol

Section 8(e) (cont)

(cont)

62-75-9	Methanamine, N-methyl-N-nitroso-
64-67-5	Sulfuric acid, diethyl ester
65-85-0	Benzoic acid
67-56-1	Methanol
67-66-3	Methane, trichloro-
71-43-2	Benzene
71-55-6	Ethane, 1,1,1-trichloro-
74-93-1	Methanethiol
75-01-4	Ethene, chloro-
75-05-8	Acetonitrile
75-09-2	Methane, dichloro-
75-21-8	Oxirane
75-28-5	Propane, 2-methyl-
75-29-6	Propane, 2-chloro-
75-34-3	Ethane, 1,1-dichloro-
75-35-4	Ethene, 1,1-dichloro-
75-44-5	Carbonic dichloride
75-74-1	Plumbane, tetramethyl-
77-47-4	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-
77-73-6	4,7-Methano-1H-indene, 3a,4,7,7a-tetrahydro-
77-78-1	Sulfuric acid, dimethyl ester
78-00-2	Plumbane, tetraethyl-
78-78-4	Butane, 2-methyl-
79-00-5	Ethane, 1,1,2-trichloro-
79-01-6	Ethene, trichloro-
79-11-8	Acetic acid, chloro-
79-20-9	Acetic acid, methyl ester

Section 8(e) (cont)

(cont)

79-27-6	Ethane, 1,1,2,2-tetrabromo-
79-46-9	Propane, 2-nitro-
79-94-7	Phenol, 4,4'-(1-methylethylidene)bis(2,6-dibromo-
92-49-9	Benzenamine, N-(2-chloroethyl)-N-ethyl-
92-52-4	1,1'-Biphenyl
95-09-9	Butanoic acid, 2-ethyl-, 1,2-ethanediylbis(oxy-2,1-ethanediyl) ester (9CI)
96-12-8	Propane, 1,2-dibromo-3-chloro-
96-13-9	1-Propanol, 2,3-dibromo-
98-07-7	Benzene, (trichloromethyl)-
98-73-7	Benzoic acid, 4-(1,1-dimethylethyl)-
98-83-9	Benzene, (1-methylethenyl)-
98-87-3	Benzene, (dichloromethyl)-
98-88-4	Benzoyl chloride
100-42-5	Benzene, ethenyl-
100-44-7	Benzene, (chloromethyl)-
101-84-8	Benzene, 1,1'-oxybis-
102-71-6	Ethanol, 2,2',2''-nitrilotris-
102-77-2	Morpholine, 4-(2-benzothiazolylthio)-
103-11-7	2-Propenoic acid, 2-ethylhexyl ester
103-71-9	Benzene, isocyanato-
103-76-4	1-Piperazineethanol
106-89-8	Oxirane, (chloromethyl)-
106-90-1	2-Propenoic acid, oxiranylmethyl ester
106-91-2	2-Propenoic acid, 2-methyl-, oxiranylmethyl ester
106-99-0	1,3-Butadiene
107-06-2	Ethane, 1,2-dichloro-
107-07-3	Ethanol, 2-chloro-

Section 8(e) (cont)

(cont)

107-13-1	2-Propenenitrile
108-05-4	Acetic acid ethenyl ester
108-31-6	2,5-Furandione
108-88-3	Benzene, methyl- (9CI)
108-90-7	Benzene, chloro-
110-91-8	Morpholine
115-27-5	4,7-Methanoisobenzofuran-1,3-dione, 4,5,6,7,8,8-hexachloro-3a,4,7,7a-tetrahydro-
115-86-6	Phosphoric acid, triphenyl ester
118-79-6	Phenol, 2,4,6-tribromo-
120-71-8	Benzenamine, 2-methoxy-5-methyl-
121-14-2	Benzene, 1-methyl-2,4-dinitro-
121-45-9	Phosphorous acid, trimethyl ester
122-07-6	Ethanamine, 2,2-dimethoxy-N-methyl-
122-60-1	Oxirane, (phenoxymethyl)-
123-91-1	1,4-Dioxane
126-72-7	1-Propanol, 2,3-dibromo-, phosphate (3:1)
127-09-3	Acetic acid, sodium salt
127-18-4	Ethene, tetrachloro-
133-21-1	4,7-Methano-1H-inden-5-ol, 3a,4,5,6,7,7a-hexahydro-
140-88-5	2-Propenoic acid, ethyl ester
141-59-3	2-Pentanethiol, 2,4,4-trimethyl-
150-76-5	Phenol, 4-methoxy-
156-60-5	Ethene, 1,2-dichloro-, (E)-
382-21-8	1-Propene, 1,1,3,3,3-pentafluoro-2-(trifluoromethyl)- (9CI)
542-88-1	Methane, oxybis[chloro-
542-92-7	1,3-Cyclopentadiene
552-30-7	5-Isobenzofurancarboxylic acid, 1,3-dihydro-1,3-dioxo-

Section 8(e) (cont)

(cont)

593-60-2	Ethene, bromo-
603-35-0	Phosphine, triphenyl-
620-05-3	Benzene, (iodomethyl)-
624-92-0	Disulfide, dimethyl
625-22-9	Sulfuric acid, dibutyl ester (8CI9CI)
632-79-1	1,3-Isobenzofurandione, 4,5,6,7-tetrabromo-
638-16-4	1,3,5-Triazine-2,4,6(1H,3H,5H)-trithione
706-78-5	Cyclopentene, octachloro- (8CI9CI)
928-66-0	4,7-Methanoisobenzofuran-1,3-dione, 3a,4,7,7a-tetrahydro-8-methyl- (9C I)
868-85-9	Phosphonic acid, dimethylester
928-04-1	2-Butynedioic acid, monopotassium salt
930-37-0	Oxirane, (methoxymethyl)-
1100-88-5	Phosphonium, triphenyl(phenylmethyl)-, chloride
1330-78-5	Phosphoric acid, tris(methylphenyl) ester
1333-82-0	Chromium oxide
1336-36-3	1,1'-Biphenyl, chlorinated
1484-13-5	9H-Carbazole, 9-ethenyl-
1563-66-2	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate
1643-20-5	1-Dodecanamine, N,N-dimethyl-, N-oxide
1691-99-2	N-ethyl Perfluorooctylsulfonamido ethanol
1738-25-6	Propanenitrile, 3-(dimethylamino)-
1746-01-6	Dibenzo[b,e][1,4]dioxin, 2,3,7,8-tetrachloro- (9CI)
1832-07-1	Phosphonitrile chloride
1932-04-3	Piperidine, 1,1'-(1,2-ethanediyl)bis-
1937-37-7	2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(-, disodium salt
2215-35-2	2-Pentanol, 4-methyl-, hydrogen phosphorodithioate, zinc salt
2223-82-7	2-Propenoic acid, 2,2-dimethyl-1,3-propanediyl ester

Section 8(e) (cont)

(cont)

2426-08-6	Oxirane, (butoxymethyl)-
2442-57-7	No name yet identified for CSR
2905-65-9	Benzoic acid, 3-chloro-, methyl ester
2973-10-6	Sulfuric acid, bis(1-methylethyl) ester (9CI)
3033-62-3	Ethanamine, 2,2'-oxybis[N,N-dimethyl-
3179-90-6	9,10-Anthracenedione, 1,4-dihydroxy-5,8-bis[(2-hydroxyethyl)amino]-
3389-71-7	Bicyclo[2.2.1]hepta-2,5-diene, 1,2,3,4,7,7-hexachloro-
4196-86-5	1,3-Propanediol, 2,2-bis[(benzoyloxy)methyl]-, dibenzoate
4261-68-1	2-Propanamine, N-(2-chloroethyl)-N-(1-methylethyl)-, hydrochloride
4584-49-0	1-Propanamine, 2-chloro-N,N-dimethyl-, hydrochloride
4736-60-1	Phosphonium, ethyltriphenyl-, iodide
4835-11-4	1,6-Hexanediamine, N,N'-dibutyl-
5216-25-1	Benzene, 1-chloro-4-(trichloromethyl)-
6058-23-7	2,3,4,5,7,7-Hexachloro-1-a ,1b,5,5a,6a-hexahydro-2,5 -methano-2H-indeno(1,2-b)oxirene
6369-65-9	Dinaphtho[1,2,3-cd:3',2',1'-lm]perylene-5,10-dione , 3,12-dinitro-
7177-48-2	4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[(aminophenylac etyl)amino]-3,3-dimethyl-7-oxo-, trihyd[2.alpha.,5.alph a.,6.beta.(S*)]]- (9CI)
7252-83-7	Ethane, 2-bromo-1,1-dimethoxy-
7440-02-0	Nickel
7440-43-9	Cadmium
7647-01-0	Hydrochloric acid
7647-15-6	Sodium bromide
7665-72-7	Oxirane, [(1,1-dimethylethoxy)methyl]-
7775-11-3	Chromic acid, disodium salt
7778-18-9	Sulfuric acid, calcium salt (1:1)
7782-50-5	Chlorine
7783-06-4	Hydrogen sulfide
7783-20-2	Sulfuric acid diammonium salt

Section 8(e) (cont)

(cont)

7789-06-2	Chromic acid, strontium salt (1:1)
7789-12-0	Chromic acid ($H_2Cr_2O_7$), disodium salt, dihydrate (9CI)
8006-14-2	Natural gas
9003-04-7	2-Propenoic acid, homopolymer, sodium salt
10025-67-9	Sulfur chloride
10025-87-3	Phosphoryl chloride
10043-01-3	Sulfuric acid, aluminum salt (3:2)
10310-38-0	Phosphonium,1,2-ethanediylbis[tris-O-(phenylmethyl
11089-65-9	Tunicamycin (9CI)
11114-18-4	FM 100
12108-13-3	Manganese, tricarbonyl[(1,2,3,4,5-.eta.)-1-methyl-2,4-cyclopentadien-1 -yl]- (9CI)
12824-93-1	No name yet identified for CSR
13292-87-0	Borane,compd. with thiobis[methane](1:1)
13752-51-7	Morpholine, 4-[(4-morpholinylthio)thioxomethyl]-
14040-11-0	No preferred name on file
17157-48-1	Bromo-acetaldehyde
17356-39-2	No name yet identified for CSR
17786-43-5	Phosphonium, tetrabutyl-, acetate, monoacetate
20109-39-1	1-Propanol, 2-[2-(benzoyloxy)propoxy]-, benzoate
21609-90-5	Phosphonothioic acid, phenyl-, O-(4-bromo-2,5-dichlorophenyl) O-methyl ester (8CI9CI)
21908-53-2	Mercury oxide
22564-43-8	Benzenamine, N-(2-chloroethyl)-N-ethyl-3-methyl-
23307-05-3	Methanamine, N-methyl-, sulfate (1:1)
24934-91-6	Phosphorodithioic acid, S-(chloromethyl) O,O-diethyl ester (8CI9CI)
25068-38-6	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane
25155-23-1	Phenol, dimethyl-, phosphate (3:1)
25329-35-5	1,3-Cyclopentadiene, 1,2,3,4,5-pentachloro- (8CI9CI)

Section 8(e) (cont)

(cont)

25563-14-8	4-Chloro-N-methoxy-benzamide
25637-99-4	Cyclododecane, hexabromo-
26842-43-3	Pentanenitrile, 2-amino-2,4-dimethyl-
26903-94-6	Benzenamine, N,N-diethyl-4-(1H-1,2,4-triazol-3-ylazo)-
33791-58-1	Acrylic acid, 3a,4,5,6,7,7a-hexahydro-4,7-methanoindenyl ester
33857-26-0	Dibenzo[b,e][1,4]dioxin, 2,7-dichloro- (9CI)
35835-94-0	Phosphonium, ethyltriphenyl-, acetate
37853-59-1	Benzene, 1,1'-[1,2-ethanediylbis(oxy)]bis[2,4,6-tribromo-
51461-71-3	N-(2,2-Dimethoxyethyl)-N'-(5 -(1,1-dimethylethyl)-1,3,4-thiadiazol -2-yl)-N-methyl-urea
55566-30-8	Phosphonium, tetrakis(hydroxymethyl)-, sulfate (2:1) (salt)
56910-74-9	4-(3,4-Dichlorophenyl)-2-methyl -1,2,4-triazolidin-3-one
58496-98-3	(1-Methylethylidene)bis(2,6 -dibromo-o-4,1-phenylene) bis (2,3-dibromopropyl) ester carbonic acid
58573-43-6	Tribromo-sodium salt phenol
59261-06-2	1,1'-Oxybis(2,3-dibromo-propane
59489-59-7	N-(((5-(4-bromophenyl)-6-methyl pyrazinyl)amino)carbonyl)-2,6 -dichloro-benzamide
60928-15-6	4-(Acetyloxy)-3-(5-(1,1 -dimethylethyl)1,3,4-thiadiazol -2-yl)-1-methyl-2-imidazolidinone
61791-97-7	Benzenamine, N-(2-methyl-2-nitrobutyl)-4-nitroso- (9CI)
63428-83-1	Zytel nylon resin
64741-44-2	Distillates (petroleum), straight-run middle
64741-48-6	Natural gas (petroleum), raw liq. mix
64741-54-4	Naptha (petroleum), heavy catalytic cracked
64741-59-9	Distillates (petroleum), light catalytic cracked
64741-62-4	Clarified oils (petroleum), catalytic cracked
64741-66-8	Naphtha (petroleum), light alkylate
64742-46-7	Distillates (petroleum), hydrotreated middle
66108-37-0	Phosphoric acid, 2,2-bis(bromomethyl)-3-chloropropyl bis[2-chloro-1-(chloromethyl)ethyl] ester
67762-19-0	-Ammonium salt

Section 8(e) (cont)

(cont)

67762-41-8	Alcohols C9-C15
68002-97-1	Alcohol ethoxylate
68109-57-9	Ethanone, 2,2-bis(1-methylpropoxy)-1-phenyl-
68187-58-6	Aromatic petroleum pitch
68410-09-3	Distillates (coal), solvent-refining (SRC), wash
68410-72-0	Residues (coal), solvent-refining (SRC), filtration
68476-30-2	Fuel oil, no. 2
68476-79-9	Naphtha (coal), solvent-refining
68555-73-7	No preferred name on file
68585-34-2	*Sodium salt
68937-40-6	Phenol, isobutylenated, phosphate (3:1)
68937-41-7	Phenol, isopropylated, phosphate (3:1)

Other

68937-41-7	Phenol, isopropylated, phosphate (3:1)